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January 26, 2007

Ms. Ana Townsend  
California Regional Water Quality Control Board - Los Angeles Region  
320 W. 4th Street, Suite 200  
Los Angeles, California 90013

Subject: FINAL Quarterly Report No. 20 - Fourth Quarter 2006  
Full-Scale SVE System - Former Building 1/36 Area  
Boeing Realty Corporation, Former C-6 Facility, Los Angeles, California

Dear Ms. Townsend:

This quarterly report summarizes the monitoring conducted during the operation of the full-scale soil vapor extraction (SVE) system for the Fourth Quarter 2006 (October 1 through December 31, 2006) at the former Boeing Realty Corporation (BRC) C-6 Facility, Former Building 1/36 area (Site). The Site is located near the northwest corner of Normandie Avenue and Knox Street in Los Angeles, California (Figure 1).

This report presents the Site background followed by a discussion of SVE operations and has been prepared in response to Regional Water Quality Control Board, Los Angeles Region (LARWQCB) reporting requirements.

## Background

Results of previous investigations at the Site indicated the presence of volatile organic compounds (VOCs) at depth, requiring remediation to prevent possible impact to groundwater. SVE was recommended for the remediation of deep impacted soil (soil deeper than 12 feet below ground surface [bgs]).

Workplans for the SVE systems were submitted and approved by the LARWQCB in June and December 2001. The full-scale system was installed in early 2002 and operated between May 2002 and September 2004. The SVE system was then shut down to accommodate Site redevelopment in September 2004. The full-scale SVE system was re-mobilized to the Site and restarted on March 2, 2006.



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## SVE System Description and History

SVE pilot testing at the Site was conducted from July to October 2001, when the pilot SVE system was shut down and the SVE wells were abandoned to accommodate Site grading. The pilot SVE system was re-installed and re-started in December 2001 and operated through March 2002.

Full-scale SVE treatment of deep soils at the Site was started in May 2002. The full-scale SVE system then consisted of 43 well screens (17 dual and nine single-screened SVE wells), a trailer-mounted 1,000 standard cubic feet per minute (scfm) blower system, three 8,000 pounds (lbs) granular activated carbon (GAC) vapor control vessels (primary, secondary, and stand-by), and associated piping.

In June 2002, unexpected exothermic carbon reactions with 2-Butanone (MEK) present in the influent stream required that the SVE system be shut down for repairs and modifications to address the MEK issue. The system was re-started on March 11, 2003. After system modifications, the system was optimized to remove mass and follow a seven-day carbon change-out frequency. Three additional single-screened SVE wells were installed in June 2004. Full-scale SVE treatment of deep soils at the Site continued through September 2004, when the system was shut down to facilitate Site redevelopment.

Prior to Site redevelopment, the SVE wells were cut, capped, surveyed, and buried at least 3 feet bgs to protect them from Site redevelopment activities. The SVE mechanical equipment, including carbon vessels, was removed and stored at an off-Site location. Between February 2005 and March 2006, during Site redevelopment, 46 well screens (17 dual and 12 single screened SVE wells) were uncovered and connected (including the three new single-screened wells), via subsurface piping, to the remediation compound located at the northeast corner of the Site (Figure 2). The SVE mechanical equipment was also re-mobilized to the Site and installed at the same remediation compound. Full-scale SVE system operations were re-started on March 2, 2006.

## Operational Summary

Operations for the Fourth Quarter 2006 covered the period from October 1, 2006 through December 31, 2006. Operational data for the full-scale SVE system is presented in Table 1.

Total hours of operation for this quarter were approximately 2046, which resulted in an uptime of 92.7%. The system was operated on a 24-hour-per-day basis with the exception of GAC change outs and down times associated with repairs of the heat exchanger, minor pipe



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leaks, and the automatic quenching system. The system monthly percent operation time is presented on Graph 1. The system was operated in compliance with the requirements of the South Coast Air Quality Management District (SCAQMD) Permit to Operate (No. F61584) during this quarter.

A summary of the system operational data is presented below:

Days of Operation	85.25(2,046 hours)
Available Days of Operation	92 (2,208 hours)
Operational Time (%)	92.7%
Estimated Mass Removed during Fourth Quarter 2006	306.2 lbs of VOCs
Cumulative Mass Removed (July 2001-December 2006)	33,142 lbs of VOCs

## Operations Information

Key field well optimization events that occurred during this quarter include:

- October 2, 2006      Collected laboratory samples from wells VEW- 19B, -23B and VEW-24B. Following sample collection, wells VEW-1, -2, -3, and -4 were closed and wells VEW-10B, -14A, -14B, -21A, and -21B were opened to 100% to increase flow.
- October 9, 2006      Opened wells VEW-7, -8A, -8B, -10A, -19A, -22A, -22B, -23A, -23B, -24A, -25B, and -27 to 100% to increase flow.
- November 2, 2006      Closed wells VEW- 13A, -13B, -14A, -14B, -15A, -15B, -17A, -17B, -18A, -18B, and -29.

Exothermic reactions were not observed in the GAC beds during the Fourth Quarter of 2006.

## Field Measurements

As per the SCAQMD permit requirements, flow rate and VOC concentration measurements were collected at the undiluted inlet, diluted inlet, between the GAC vessels, and at the exhaust stack. Measurements of wellhead vapor VOCs were taken in the field using a photo ionization detector (PID) calibrated to hexane. Flow rates were measured with a direct flow meter or by a hand-held Veloci-calc meter™. Additional measurements collected during



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operation included: vacuum readings at each extraction well, total inlet, and the GAC vessels; and the blower exhaust temperature. The combined system influent VOC measurements since system start up in May 2002 are presented in Table 1. Table 1 also includes the weekly field readings for system flow rates, temperature and vacuum. A system maintenance activity log is provided in Table 2. Field measurements of flow, VOC concentrations, vacuum, and temperature were also collected at each SVE well during this quarter and presented in Table 3 along with well field data since system re-start in March 2006. Field measurements collected between March 2002 and September 2004 for individual wells are included in Appendix A.

During this period, individual SVE well flow rates ranged from approximately 3.7 to 84.2 scfm for a total well field flow rate of 596 to 762 scfm. The system operated with inlet vacuums ranging from approximately 27.2 to 54.5 inches of water.

Extraction wellhead vapor VOC concentrations measured at the end of the Fourth Quarter 2006 are plotted on Figures 3A and 3B. These contours depicted on Figures 3A and 3B illustrate baseline start-up concentrations (since the system was restarted in 2003) as well as remediation progress through December 31, 2006.

## Vapor Sampling And Analysis

During this quarter, monthly vapor samples were also collected on October 2, November 2, and December 5, 2006. The monthly samples were collected from the process air stream (one from the undiluted inlet to primary GAC vessel, one from the effluent of the primary GAC vessel, and one from the exhaust of the secondary GAC vessel) and delivered to a state-certified laboratory for analysis. These samples were collected for SCAQMD permit compliance as well as system performance evaluation. The vapor samples were collected using 6-liter stainless steel Summa canisters, which were under absolute vacuum (29 inches of mercury). Laboratory analyses were conducted on vapor grab samples using EPA Method 21/TO-14A. The laboratory results of the vapor sampling conducted since the system start up in March 2006 are summarized for detected compounds in Table 4. Historical Laboratory results from June 2001 through September 2004 are included in Appendix B.

Based on the results of the laboratory analysis of vapor grab samples, maximum undiluted inlet concentrations of detected VOCs in parts per billion by volume (ppbv) for this period are as follows:

- 1,1-Dichloroethene (1,1-DCE) 360 ppbv
- Trichloroethene (TCE) 830 ppbv



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■ 1,1,1-Trichloroethane (1,1,1-TCA)	1,600 ppbv
■ Tetrachloroethene (PCE)	36 ppbv
■ 1,1-Dichloroethane (1,1-DCA)	16 ppbv
■ Ethylbenzene	31 ppbv
■ MEK	11,000 ppbv
■ Acetone	400 ppbv
■ 4-Methyl-2-pentanone(MIBK)	400 ppbv
■ Toluene	4,900 ppbv
■ Total Xylenes	280 ppbv
■ Chloroform	11 ppbv
■ Trichlorofluoromethane	6.6 ppbv

MEK was the highest detected VOC in the inlet grab samples collected during the Fourth Quarter of 2006, respectively. However, it should be noted that MEK was not detected in the inlet sample collected in December 2006. Well field MEK concentration contours, from between December 2002 and April 2006 (most recent date when MEK data was collected for all the wells) are depicted on Figures 4A and 4B.

Based on the elevated field monitoring results, vapor samples were also collected from wells VEW-23B and -24B on October 2, 2006. Elevated MEK and benzene, toluene, ethyl benzene, and xylenes (BTEX) concentrations were detected in VEW-24B (Table 4). MEK was not detected in VEW-23B. These analytical results indicated that total VOC concentrations detected in VEW-23B decreased from 2,782 to 15 parts per million by volume (ppmv), when compared to the April 2006 sample results. No similar comparisons could be made for VEW-24B which has not been sampled since September 2004. Another well which showed a significant decrease in total VOC concentrations during the same time period was VEW-19B where total VOCs decreased from 994 to 4.4 ppmv.

## Mass Removal Rates

Based on the laboratory results of the samples collected between October 1, 2006 and December 31, 2006, approximately 306 lbs of VOCs were estimated to have been removed from the Site. On October 2, 2006 the estimated total VOC removal rate was approximately 4.6 lbs/day. On December 5, 2006, the estimated total VOC removal rate decreased to 0.5 lbs/day. Monthly mass removal rates along with the cumulative mass removed by the full-



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scale SVE system are illustrated in Graph 2. Total VOC concentrations reported in grab samples collected from the undiluted influent of the SVE system on a monthly basis are plotted on Graph 3.

## Future Operational Plans

Based on VOC concentration measurements and mass removal rates observed this quarter, SVE operations will continue during the First Quarter 2007. This will include:

- Weekly sampling to verify compliance with SCAQMD permit conditions;
- Weekly monitoring of system parameters and well field VOC concentrations;
- Well field optimization to maximize source area mass removal while maintaining maximum system flow, extracting from as many wells as possible, and balance GAC usage rates.
- Ongoing evaluation of data to determine time frame for SVE closure.

Please do not hesitate to contact the undersigned at 949-752-5452, if you have any questions.

Sincerely,

CAMP DRESSER & MCKEE INC.

S. Sibel Tekce  
Project Engineer

Ravi Subramanian, P.E.  
Principal

cc: Jenny Au, RWQCB  
Mario Stavale, BRC  
William Pearce, Boeing  
Joe Weidmann, Haley & Aldrich, Inc.



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**Attachments**

- Figure 1 – Site Vicinity Map
- Figure 2 – Former Building 1/36 SVE Treatment System Location
- Figure 3A - Former Building 1/36 Wellhead VOC Concentration Contours, April 2003 to March 2006
- Figure 3B - Former Building 1/36 Wellhead VOC Concentration Contours, June 2006 to December 2006
- Figure 4A - Former Building 1/36 Wellhead MEK Concentration Contours, March/April 2003 to February 2004
- Figure 4B - Former Building 1/36 Wellhead MEK Concentration Contours, September 2004 and April 2006
- Graph 1 – Monthly Percent Operation
- Graph 2 – Cumulative VOC Mass Removal
- Graph 3 – SVE System Total Undiluted Influent Concentration (Analytical Data)
- Table 1 – Treatment System Field Data (2002 – 2006)
- Table 2 – Maintenance Log
- Table 3 – Wellfield Field Data (2006)
- Table 4 – Influent and Well Vapor Concentrations (2006)
- Appendix A - Historical Well Field Data (2002 -2004)
- Appendix B - Historical Influent Vapor Concentrations (2001-2004)

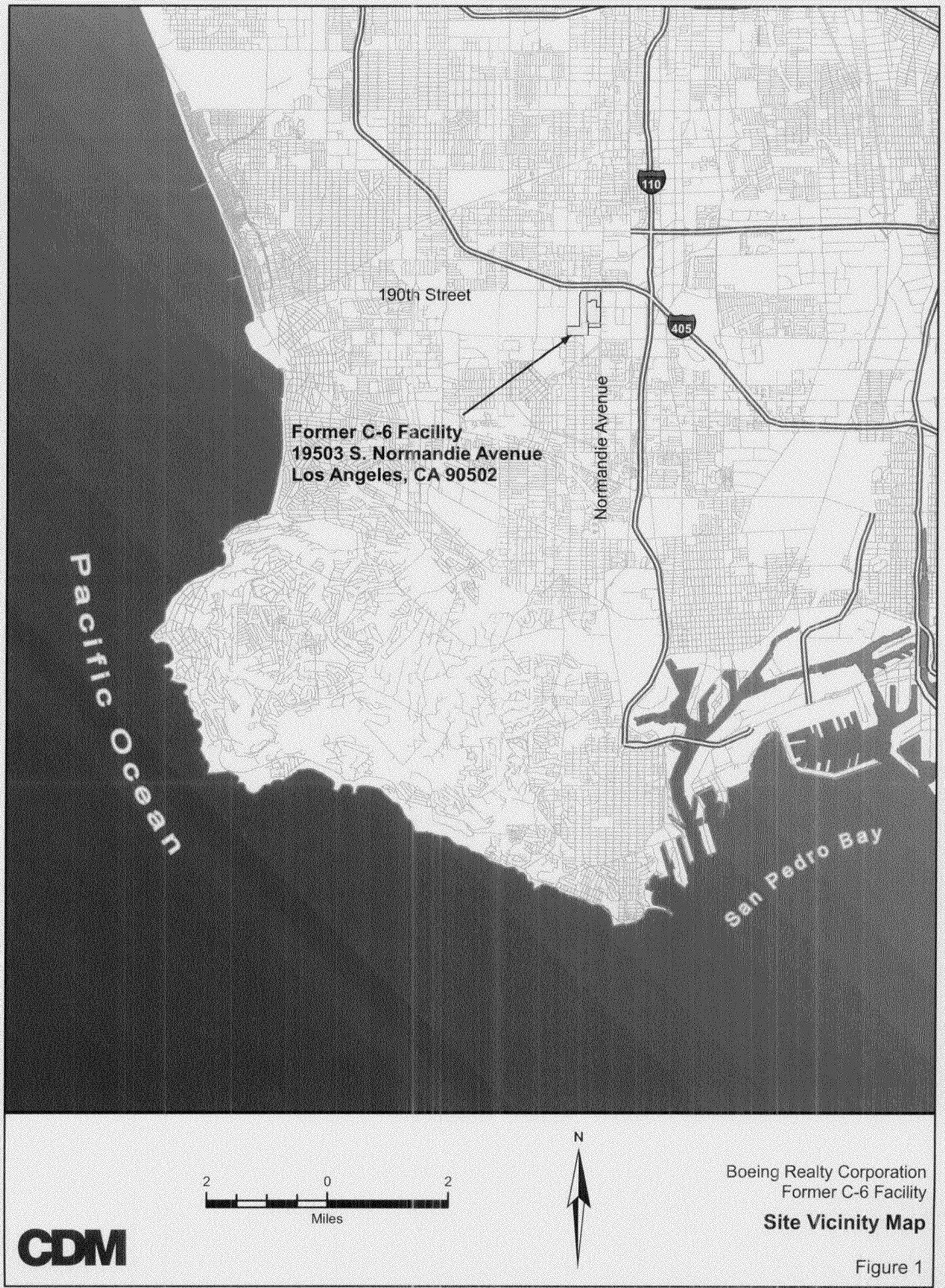
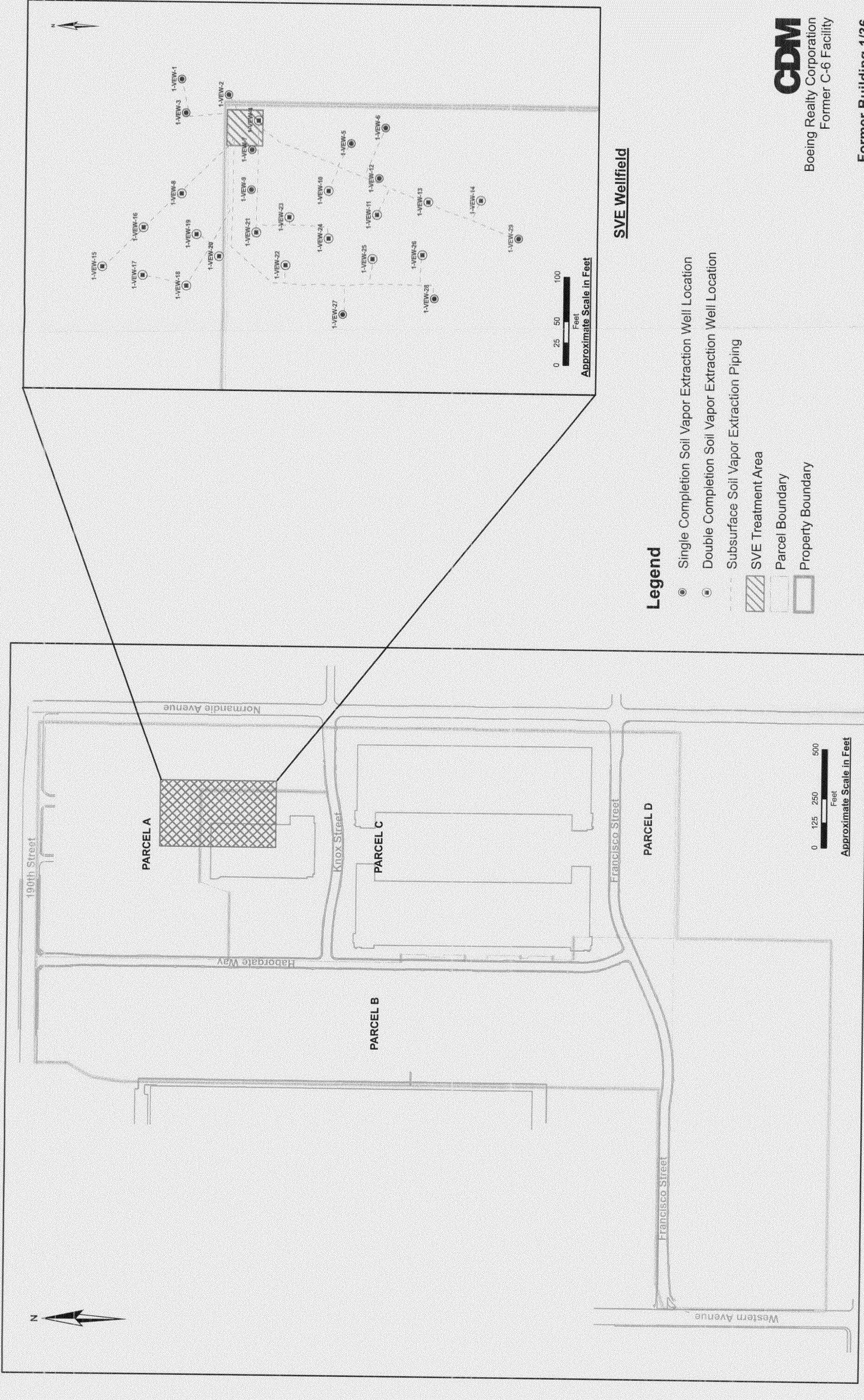


Figure 1



**CDM**  
Boeing Realty Corporation  
Former C-6 Facility

**Former Building 1/36 - Full Scale SVE**  
**Wellhead VOC**

**Concentration Contours**

Approximate Scale in Feet  
0 75 150 300  
Feet

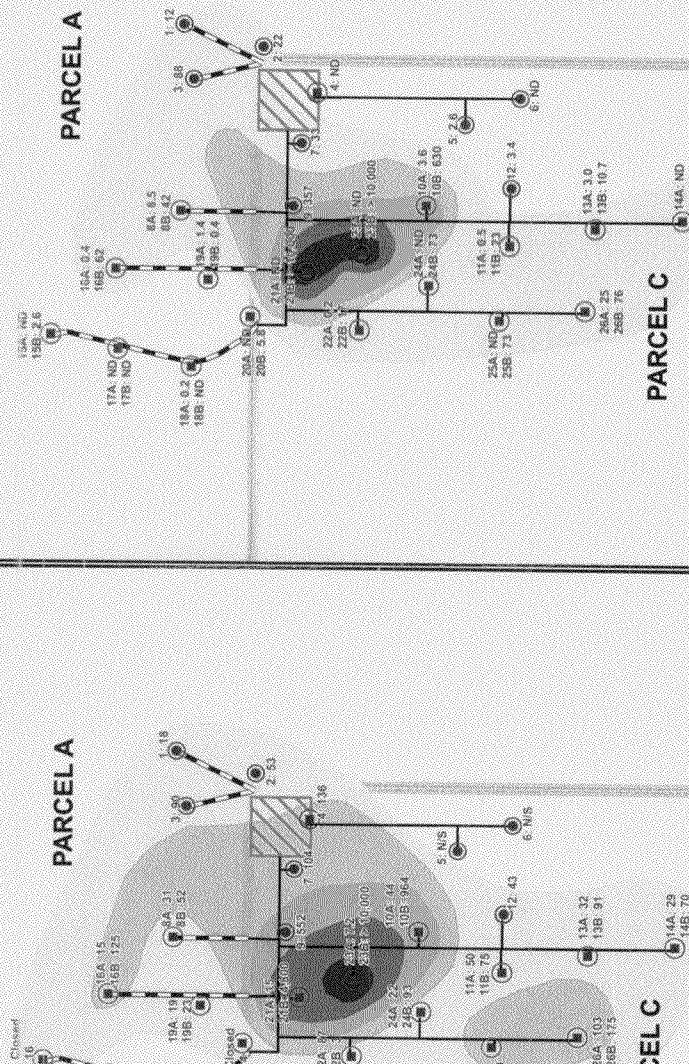
Note:  
Post site development configuration contour  
data not shown due to limited data.

**PARCEL A**

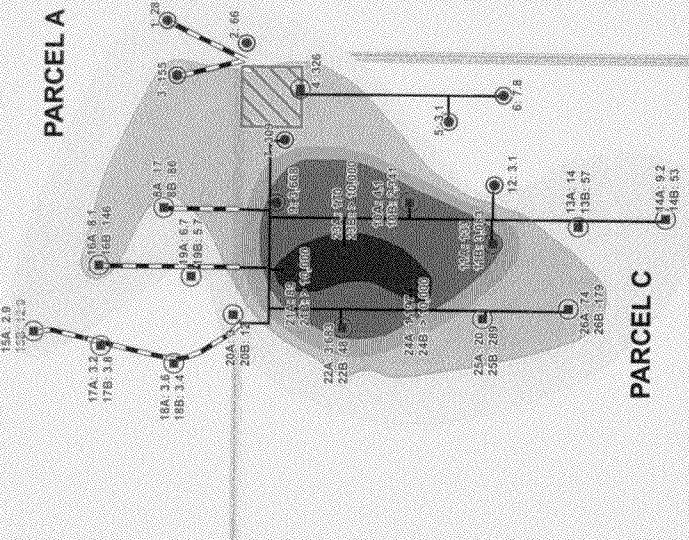
Note:  
VOC concentrations based on field measurements  
using a Flame Ionization Detector (FID) calibrated to  
100 ppm hexane for the year 2002 data, and a Photo  
Ionization Detector (PID) calibrated to 100 ppm hexane  
for the years 2003, 2004 and 2006 data.

March 2004

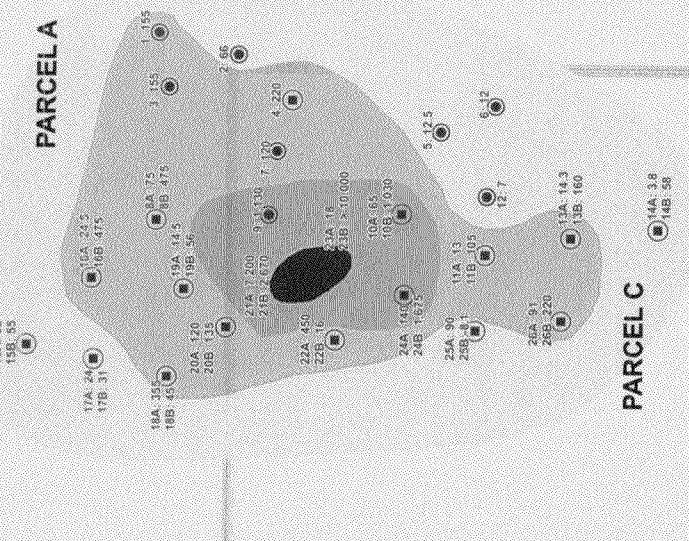
**PARCEL A**



**PARCEL A**



**PARCEL A**



**PARCEL C**

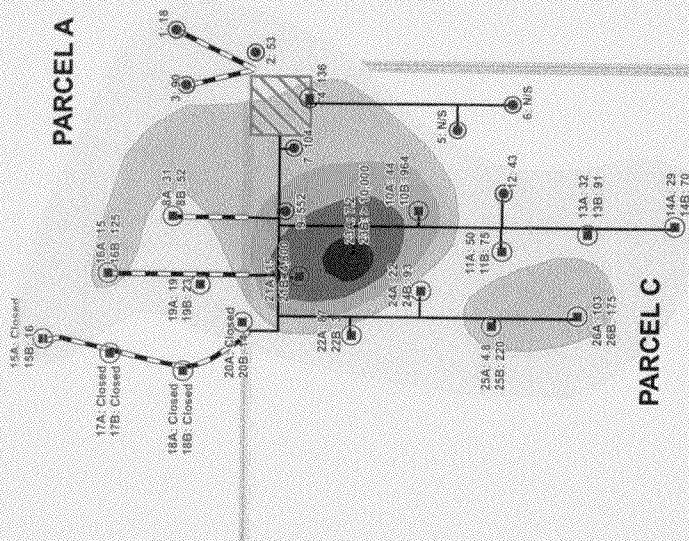
Note:  
Post site development configuration contour  
data not shown due to limited data.

**PARCEL A**

15A: 38.3  
15B: 18.4

23 December 2003

**PARCEL A**



**PARCEL C**

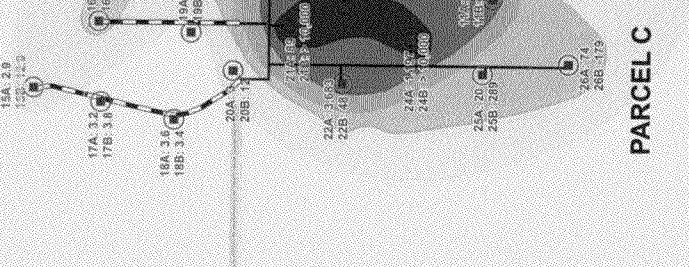
Note:  
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**PARCEL A**

15A: 38.3  
15B: 18.4

March 2006

**PARCEL A**



**PARCEL C**

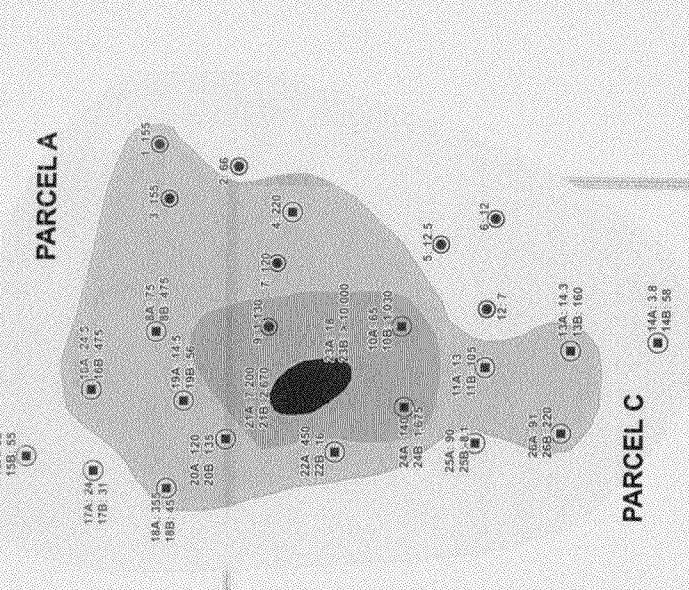
Note:  
Post site development configuration contour  
data not shown due to limited data.

**PARCEL A**

15A: 38.3  
15B: 18.4

September 2004

**PARCEL A**



**PARCEL C**

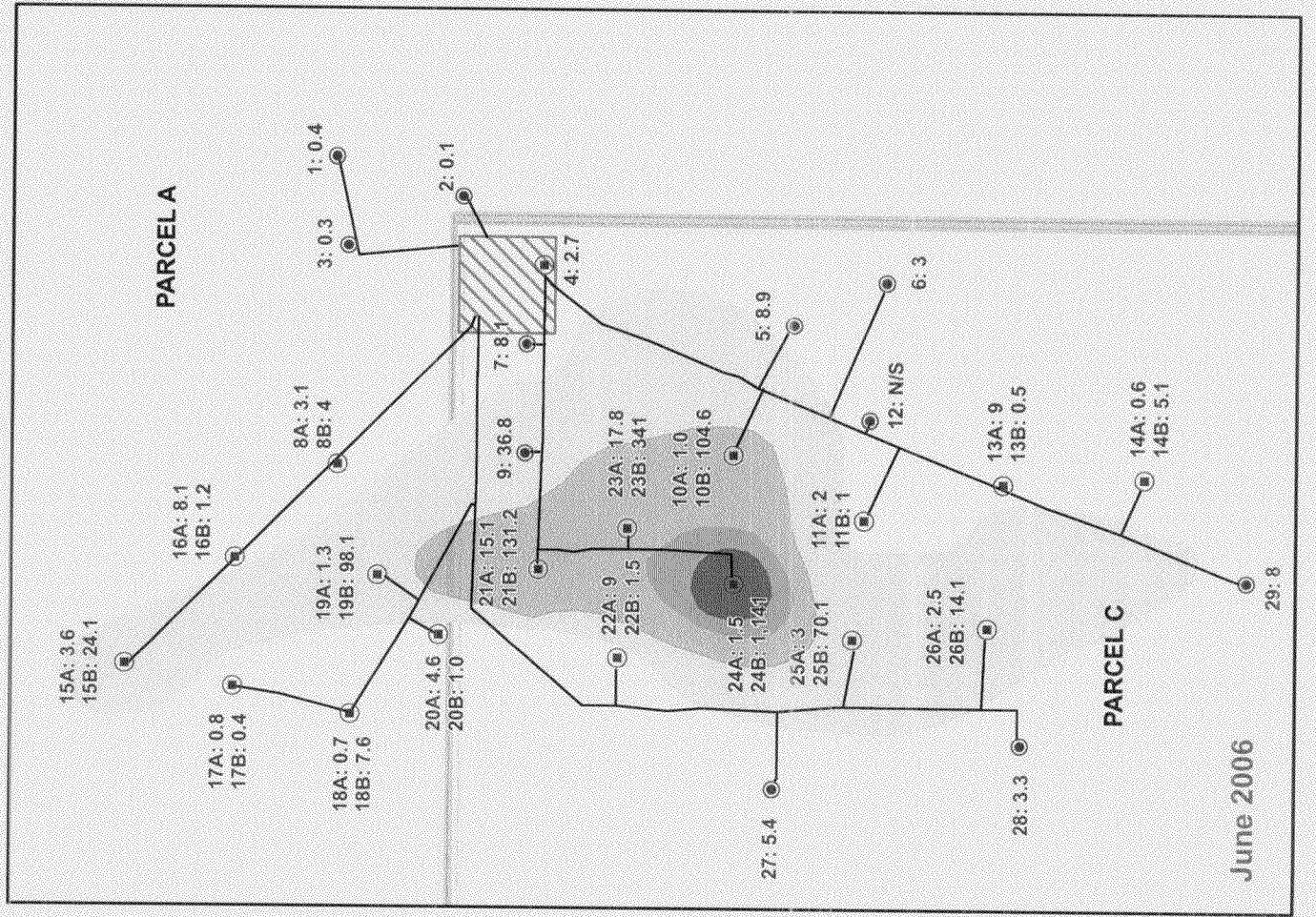
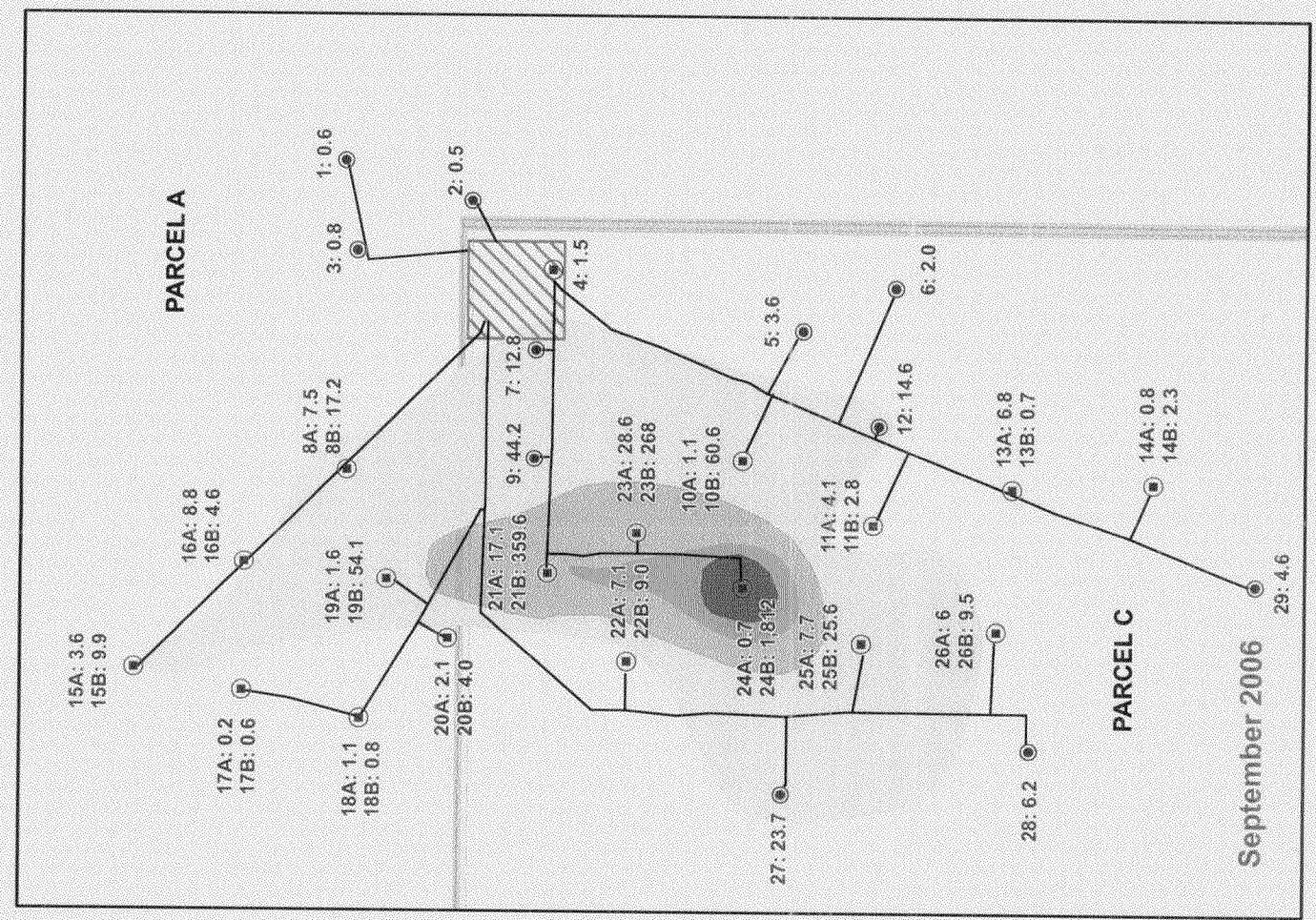
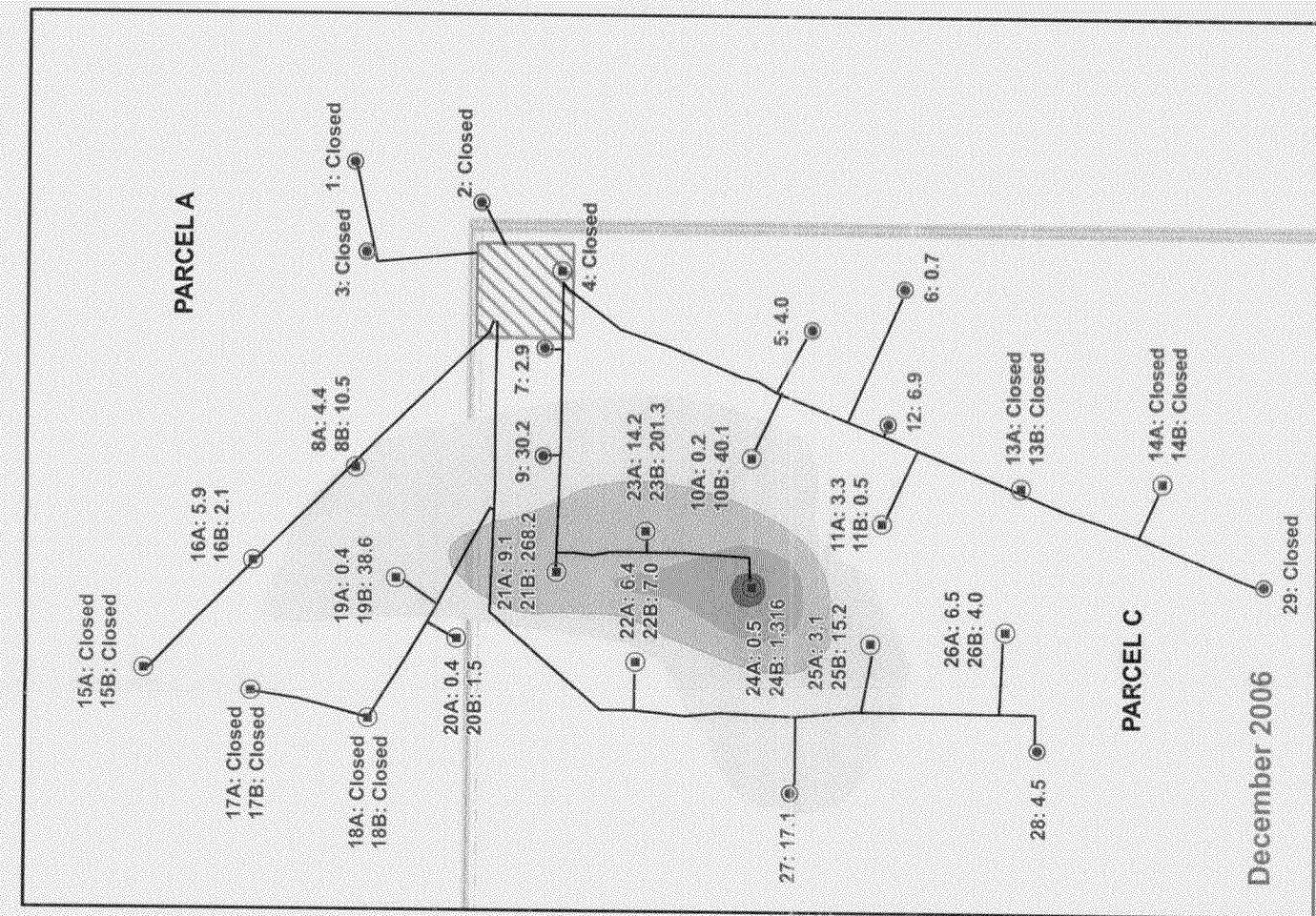
10 ppm - 100 ppm  
100 ppm - 500 ppm  
500 ppm - 1,000 ppm

Single Completion Soil Vapor Extraction Well Location  
Double Completion Soil Vapor Extraction Well Location  
Parcel Boundary

1,000 ppmv - 5,000 ppmv  
5,000 ppmv - 10,000 ppmv  
SVE Treatment Area

10 ppm - 100 ppm  
100 ppm - 500 ppm  
500 ppm - 1,000 ppm  
NOTE:  
ND - Not Detected  
N/S - Not Sampled

**Legend**



Note:  
VOC concentrations based on field measurements using a Flame Ionization Detector (FID) calibrated to 100 ppm hexane for the year 2002 data, and a Photo Ionization Detector (PID) calibrated to 100 ppm hexane for the years 2003, 2004 and 2006 data.

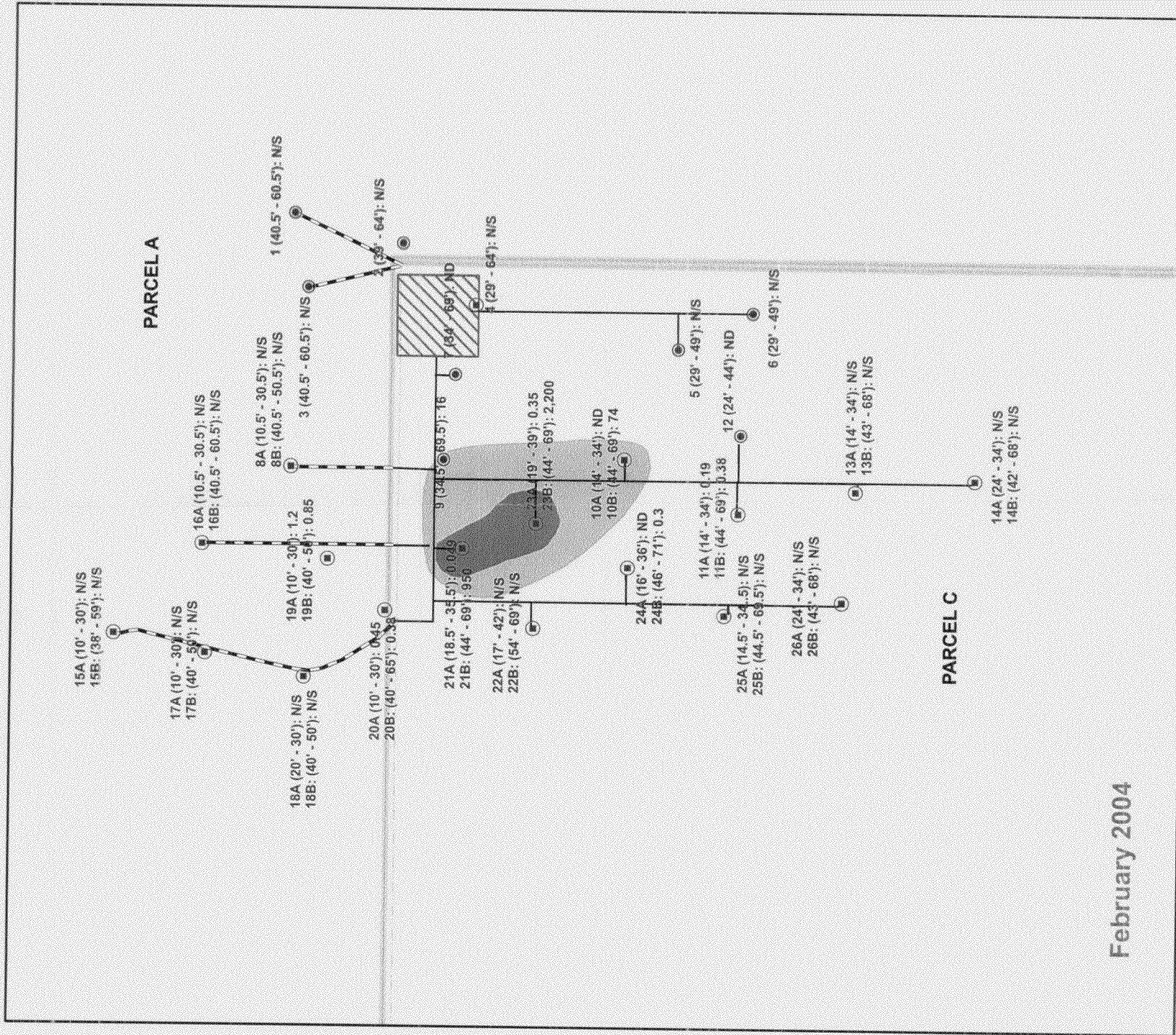
### Legend

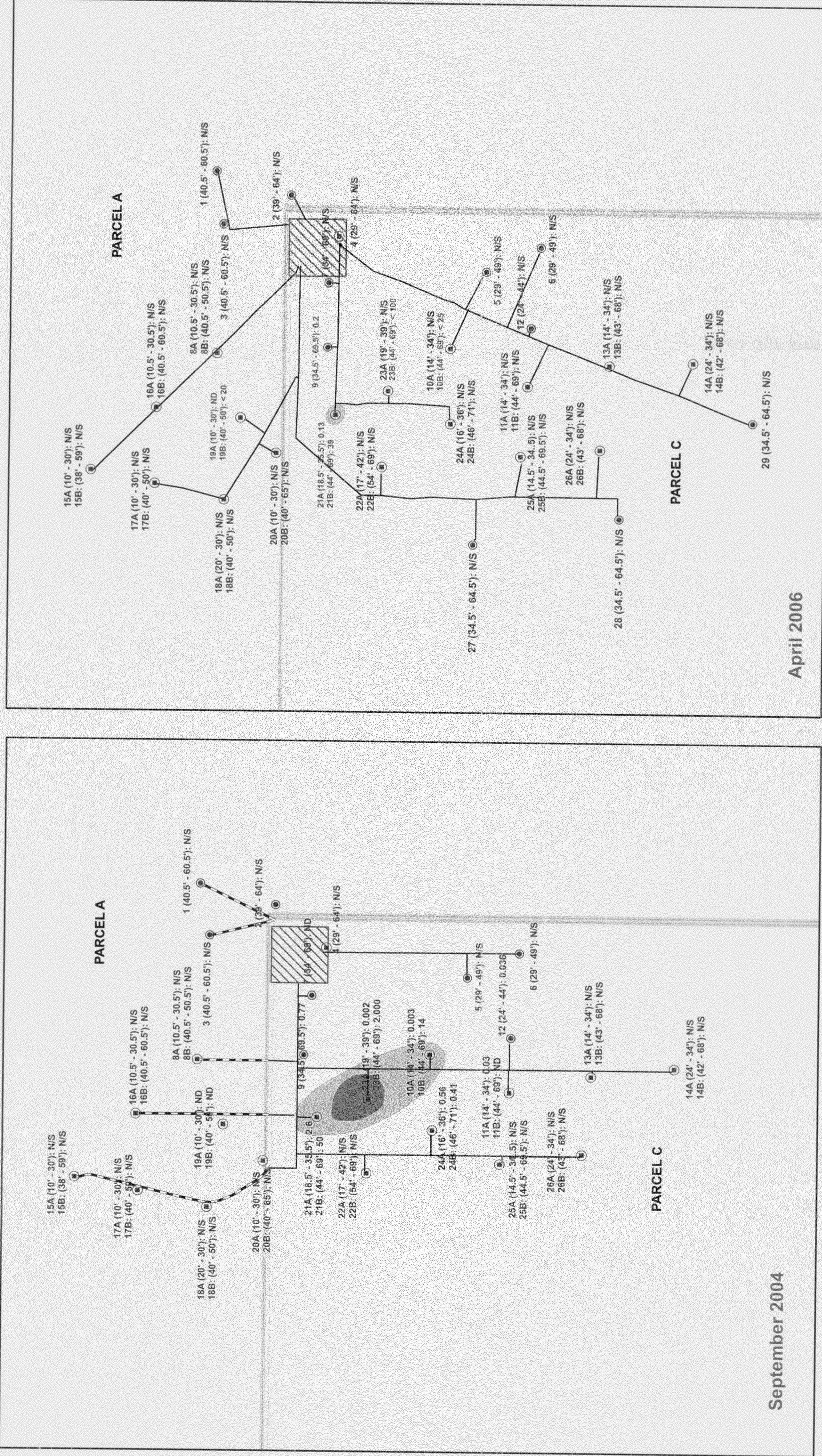
1,000 ppmv - 5,000 ppmv  
SVE Treatment Area

Single Completion Soil Vapor Extraction Well Location  
Double Completion Soil Vapor Extraction Well Location

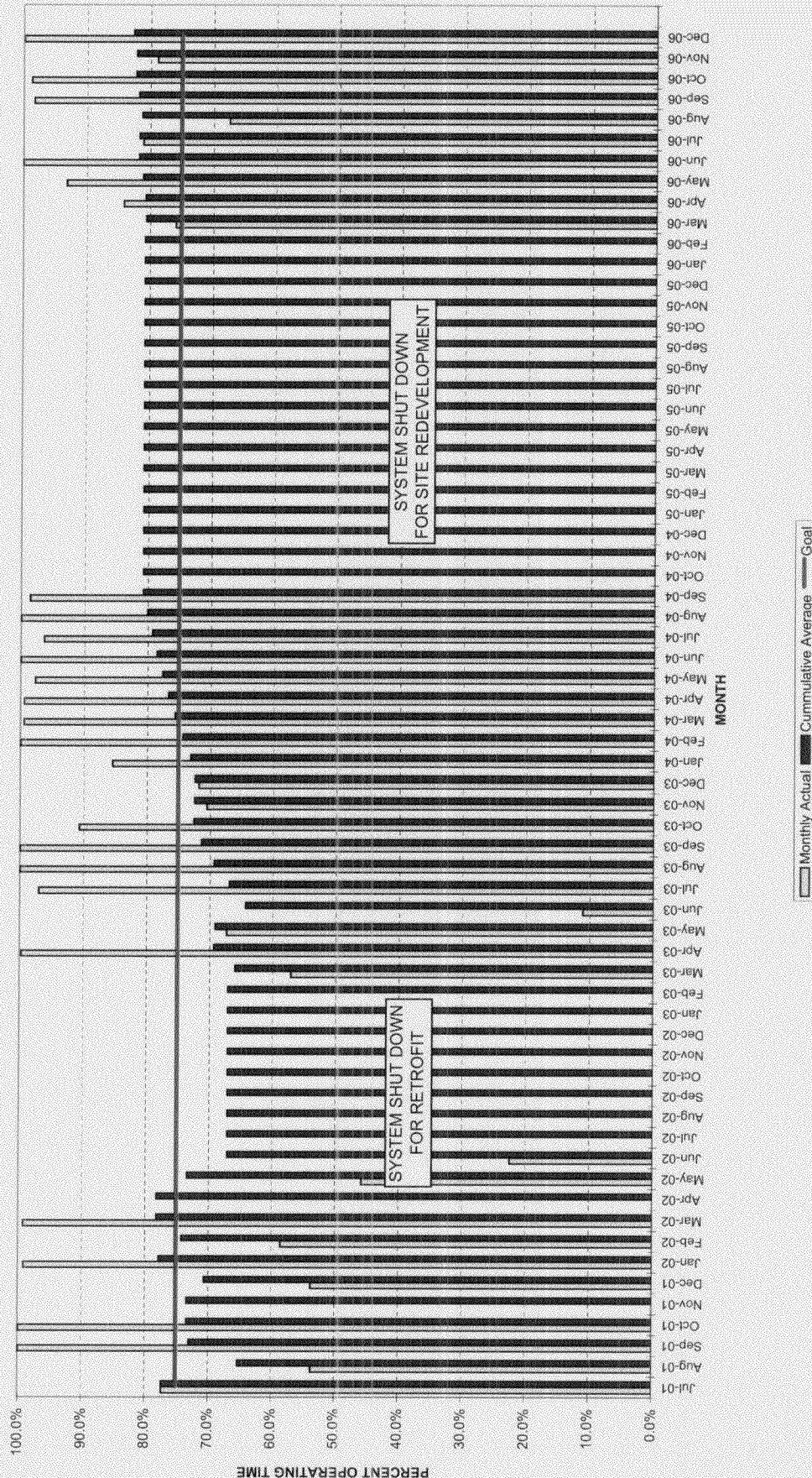
6 - EHL Scale SVE

Figure 3B

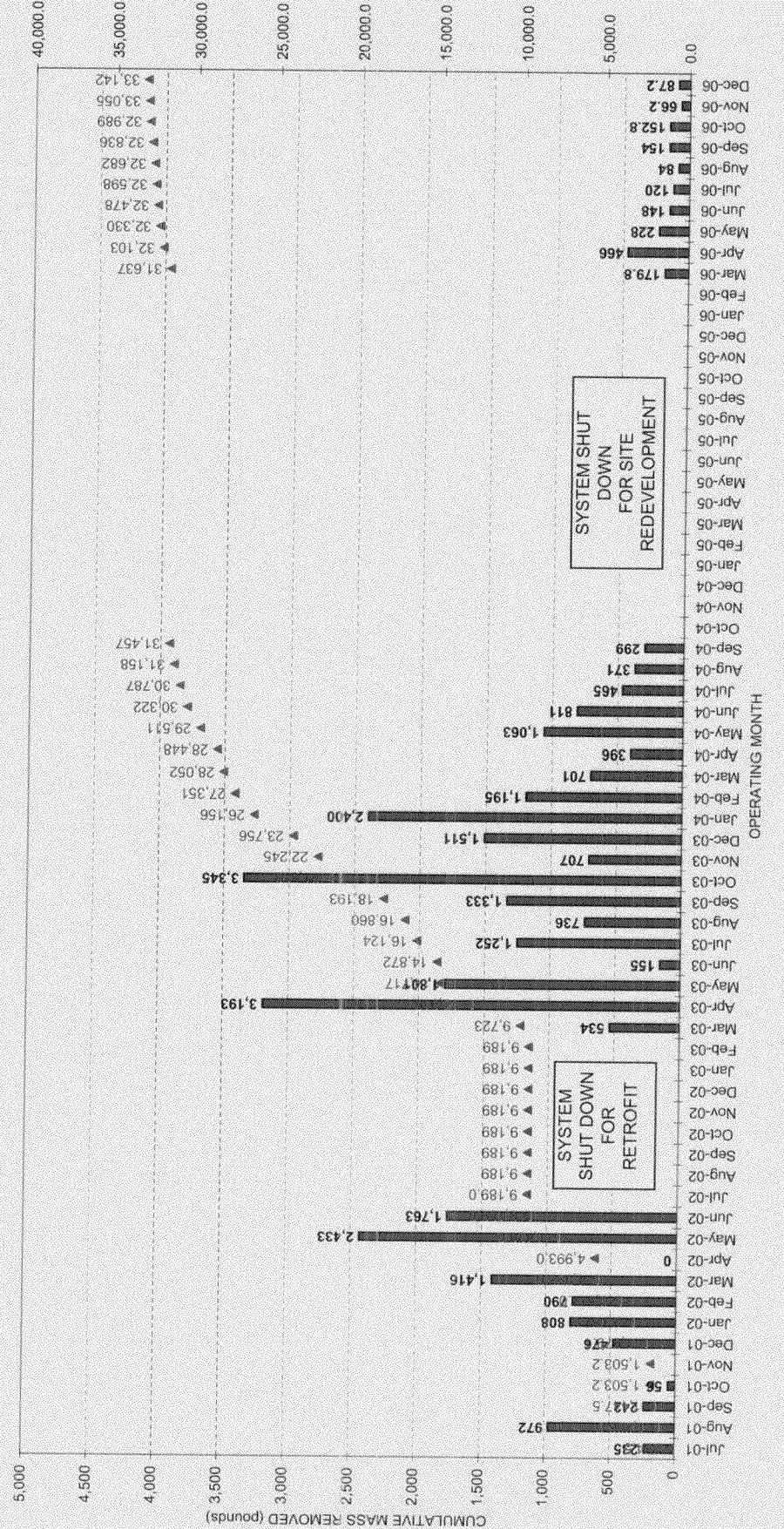




**GRAPH 1**  
**MONTHLY PERCENT OPERATION**

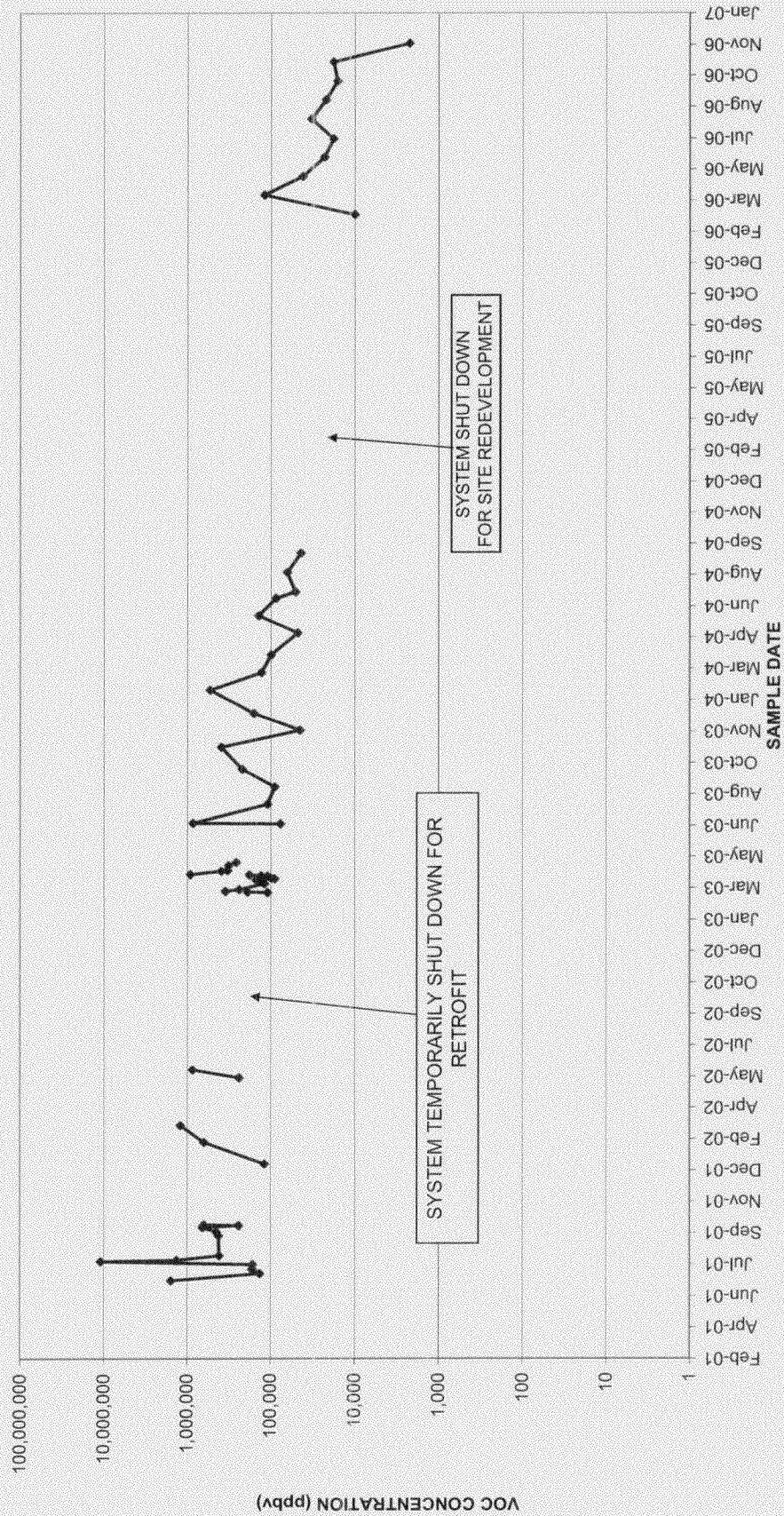


**GRAPH 2**  
CUMULATIVE VOC  
MASS REMOVAL



■ Monthly VOCs Removed (lbs.) ▲ Cumulative Total

**GRAPH 3**  
**SVE SYSTEM TOTAL UNDILUTED VOC INFLUENT CONCENTRATION**  
**(ANALYTICAL DATA)**



**TABLE 1 - TREATMENT SYSTEM FIELD DATA (2002 - 2006)**

Site Name:	BRC Former C-6 Facility Los Angeles, California Building 136 Interim Action SVE System											Comments
Date	Hour Meter	Time	Inlet	Primary Vessel Max Temp (deg F)	Secondary Vessel Max Temp (deg F)	Undiluted Inlet Flow Rate (1) (scfm)	Diluted Inlet Flow Rate (1) (scfm)	Vacuum (inches of H2O)	Undiluted Influent FID (2,3) (ppmv)	Mid Point Carbon FID (2,3) (ppmv)	Effluent Carbon FID (ppmv)	
<b>Pilot system removed. 1000 scfm unit installed.</b>												
05/15/02	5	16:50	NA	NA	NA	985	995	96	375 *	0.1 *	0.7 *	
05/16/02	31	17:45	NA	NA	NA	1040	1060	91	320 *	14.2 *	0.2 *	
05/17/02	55	17:20	NA	NA	NA	915	985	69	310 *	0.0 *	0.1 *	
05/18/02	76	14:40	NA	NA	NA	840	870	90	845	45.0	0.0	
05/19/02	97	11:40	NA	NA	NA	875	905	88	780	18.0	10.0	
05/20/02	119	10:00	NA	NA	NA	900	905	88	725	14.0	12.0	
05/21/02	143	14:50	NA	NA	NA	935	975	72	160	34.0	7.5	
05/22/02	169	17:10	NA	NA	NA	925	950	77	330	9.8	7.0	
05/23/02	190	14:35	NA	NA	NA	925	815	62	355	9.8	9.0	
05/24/02	208	8:41	NA	NA	NA	403	400	61	1,250	13.0	12.0	
05/25/02	236	12:40	NA	NA	NA	383	377	60	850	10.5	9.0	
05/26/02	259	11:20	NA	NA	NA	392	364	61	1,000	13.0	11.8	
05/27/02	283	11:24	NA	NA	NA	402	368	60	1,000	25.0	12.0	
05/29/02	286	17:30	NA	NA	NA	830	795	95	245 *	0.0 *	0.0 *	
06/03/02	400	10:00	NA	NA	NA	780	760	109	350	60.0	7.5	
<b>Carbon bed overheating. System shutdown 6/7/02.</b>												
<b>Start-up procedures from 3/12/03 through 3/31/03</b>												
03/12/03	NM	16:50	NM	92.1	91.5	500	500	55	670	3.0	0.0 *	
03/13/03	NM	11:00	NM	NM	NM	700	700	NM	666	10.0	NM	
03/15/03	NM	NM	NM	NM	NM	645	645	NM	911	4.0	0.0	
03/16/03	NM	NM	NM	NM	NM	720	720	NM	1,325	11.0	0.0	
03/17/03	NM	NM	NM	NM	9034	710	710	60	1,342	8.0	0.0	
03/24/03	NM	9:00	NM	NM	NM	720	720	65	395	140.0	0.0	
03/24/03	NM	9:00	NM	NM	NM	720	720	65	395	140.0	0.0	
<b>Breakthrough on carbon vessel on 3/31/03. System shut down for carbon regeneration.</b>												
4/1/2003	584	14:50	99	87.6	91.7	755	755	60	342	1.7	0	
4/3/2003	630.8	15:10**	104	83	85	775	775	60	273	0.6	0.0	
4/4/2003	654.8	NM**	100	82	84	770	770	55	293	0.9	0.0	
4/7/2003	725.7	15:02	106	90	93	760	760	55	297	1.5	0.0	
4/8/2003	749.3	14:40	94	95	100	770	770	50	297	2.5	0.0	
4/9/2003	760.4	9:40	102	86	91	780	780	50	338	3	0.0	
4/10/2003	780.7	8:55**	96	86	91	860	860	57	404	3.2	0.0	
4/11/2003	821.3	16:30	98	82	87	860	860	50	1,950	28.9	0.0	
4/15/2003	909	7:51	92	78	86	875	835	63	1,476	11	0.0	
4/16/2003	941.5	16:20**	106	88	89	860	800	59	1,350	5	0.0	
4/18/2003	988.7	15:30**	NM	NM	NM	850	850	NM	1,256	8.3	0.0	
4/21/2003	1053.7	8:30	88	76	80	855	845	60	1,230	60	0.0	
4/24/2003	1127.3	10:00	104	79	82	860	850	60	1,100	6	0.0	
4/29/2003	1245.8	8:30**	102	87	87	870	870	60	1,190	51	0.0	
5/5/2003	1398.2	8:00	75	76	83	800	780	50	1,423	105	11.0	
5/8/2003	1464	15:30	81	89	89	NM	NM	57	1,422	8.3	5.4	
5/12/2003	1553	14:00	84	87	88	910	860	49	912	35	10.0	
5/19/2003	1728	15:00	92	92	945	992	47	870	56	2.0		

**TABLE 1 - TREATMENT SYSTEM FIELD DATA (2002 - 2006)**

Site Name:	BRC Former C-6 Facility Los Angeles, California Building 1/36 Interim Action SVE System													
Location:	DATE	HOUR METER	TIME	INLET	TEMP. (deg F)	PRIMARY VESSEL	SECONDARY VESSEL	UNDILUTED INLET	DILUTED INLET	VACUUM	UNDILUTED INFLUENT	MID POINT CARBON	EFFLUENT CARBON	COMMENTS
<b>System shut down for SCAQMD permit modifications on 5/22/03. System restarted on 6/27/03.</b>														
6/27/2003	1797	16:00	87	90	95	760	991	NM	294	6	0.0	No change in Primary		
6/30/2003	1863	10:00	94	93	98	845	835	85	150	32	2.5	Primary vessel switched		
7/1/2003	1885	8:00	86	87	89	785	665	85	1,031	15	3.0	No change in Primary		
7/2/2003	1894	13:30	99	101	106	725	715	80	260	15	3.0	Primary vessel switched		
7/3/2003	1913	8:00	98	98	100	732	720	85	318	45	2.0	No change in Primary		
7/7/2003	2010	9:00	83	86	89	755	710	87	310	3.6	2.7	No change in Primary		
7/10/2003	2082	9:00	90	88	91	760	750	90	372	4.9	3.1	No change in Primary		
7/14/2003	2179	9:20	94	88	91	780	695	90	371	12.9	3.2	No change in Primary		
7/18/2003	2274	8:42	86	88	89	675	670	89	424	28.5	3.3	Primary vessel switched		
7/24/2003	2418	9:00	87	87	89	810	775	84	446	3.7	0.0	No change in Primary		
7/31/2003	2585	8:00	97	89	90	810	770	72	441	35	2.4	Primary vessel switched		
8/7/2003	2754	9:30	89	86	87	885	770	75	415	20.9	2.7	Primary vessel switched		
8/14/2003	2921	8:00	85	87	87	840	770	75	323	11.4	2.4	No change in Primary		
8/14/2003	2921	8:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Lowered influent to 223		
8/21/2003	3090	8:30	90	89	93	800	735	78	446	29.1	4.1	Primary vessel switched		
8/21/2003	3097	15:30	NM	NM	NM	835	NM	NM	NM	NM	NM	No change in Primary		
8/28/2003	3255	6:45	79	82	83	885	775	73	583	20.5	1.3	Primary vessel switched		
9/4/2003	3423	6:59	n/a	81	87	870	815	65	430	1.6	0.0	No change in Primary		
9/4/2003	3429	13:45	NM	NM	NM	865	780	60	1031	12	4.0	After Well Changes		
9/5/2003	3451	11:30	NM	NM	NM	815	800	63	159	10.4	3.2	No change in Primary		
9/6/2003	3476	11:00	109	96	94	800	770	68	148	16.3	3.3	No change in Primary		
9/11/2003	3591	6:30	95	91	101	855	790	73	290	17.3	0.4	Primary vessel switched		
9/18/2003	3759	7:00	103	96	103	895	840	70	487	13.8	2.2	Primary vessel switched		
9/25/2003	3927	7:00	82	83	85	925	895	71	975	15.9	0.0	Primary vessel switched		
10/2/2003	4095	6:30	81	82	84	930	875	65	786	10.9	0.0	No change in Primary		
10/9/2003	4267	9:00	84	81	80	865	865	65	655	144	3.5	Primary vessel switched		
10/16/2003	4431	6:00	79	79	81	1000	910	64	975	26.5	0.4	Primary vessel switched		
10/23/2003	4559	6:00	76	76	915	890	63	902	8.1	0.0	No change in Primary			
10/30/2003	4608	6:00	74	103	90	830	830	74	1,157	8.6	1.5	No change in Primary		
11/3/2003	4706	10:00	72	71	74	850	845	79	620	6	1.0	Primary vessel switched		
11/6/2003	4777	9:00	77	83	80	900	885	76	903	8.8	2.3	No change in Primary		
11/10/2003	4873	9:00	81	81	73	NM	NM	NM	NM	NM	NM	No change in Primary		
11/13/2003	4879	9:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	No change in Primary		
<b>System shut down on 11/13/03 due to GAC Vessel Quench. System restarted on 11/20/03.</b>														
11/20/2003	4902	10:00	77	75	73	885	810	80	1,368	22.2	4.9	Primary vessel switched		
11/26/2003	5043	7:00	64	63	63	960	835	84	371	12.5	2.8	No change in Primary		
12/1/2003	5165	9:30	71	68	61	910	850	74	374	4.8	1.8	No change in Primary		
12/4/2003	5237	9:30	72	70	67	830	825	80	1,038	25.1	5.7	Primary vessel switched		
12/11/2003	5404	8:30	75	72	69	940	850	83	1,076	32	3.8	Primary vessel switched		
12/18/2003	5571	8:00	69	70	70	930	840	81	1,067	28.6	0.0	Primary vessel switched		
12/23/2003	5690	6:00	71	70	77	905	830	80	763	7.9	1.7	No change in Primary		

**TABLE 1 - TREATMENT SYSTEM FIELD DATA (2002 - 2006)**

Site Name:	BRC Former C-6 Facility	Location:	Los Angeles, California	System:	Building 1/36 Interim Action SVE System	DATE	HOUR METER	TIME	INLET	PRIMARY VESSEL	SECONDARY VESSEL	UNDILUTED INLET	DILUTED INLET	VACUUM	UNDILUTED INFLUENT	MID POINT CARBON	EFFLUENT CARBON	COMMENTS
									TEMP. (deg F)	MAX TEMP (deg F)	MAX TEMP (deg F)	FLOW RATE (1) (scfm)	FLOW RATE (1) (scfm)	FID (2,3) (ppmv)	FID (2,3) (ppmv)	FID (ppmv)		
<b>System shut down on 12/23/03 for annual maintenance &amp; testing.</b>																		
1/5/2004	5694	9:00	49	58	60	NM	NM	NM	NM	NM	NM	NM	NM	6.4	2.5			
1/7/2004	5738	8:00	84	80	75	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
1/8/2004	5763	9:00	87	94	88	905	850	78	926	6.8	0.7							
1/12/2004	5860	9:30	74	74	75	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
1/15/2004	5931	9:00	81	80	75	860	800	83	692	23.4	0.7							
1/22/2004	6099	9:00	80	68	63	NM	NM	NM	NM	NM	NM	NM	NM	1.9	1.1			
1/29/2004	6271	13:00	85	78	73	920	850	73	1,220	12.7	1.7							
2/2/2004	6363	9:00	77	72	66	890	860	76	1,227	10.3	0.9							
2/3/2004	6388	10:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
2/5/2004	6435	9:00	76	72	68	875	845	82	838	20.3	1.2							
2/12/2004	6603	9:00	83	81	79	865	825	77	866	37	10.1							
2/19/2004	6771	9:00	71	70	72	890	735	76	656	5.5	0.2							
2/26/2004	6939	9:30	76	76	73	815	770	86	833	3.5	0.3							
3/4/2004	7105	7:00	70	72	72	880	865	83	1,006	43	7.6							
3/11/2004	7272	6:30	71	72	76	785	775	95	1,045	25.9	5.6							
3/18/2004	7442	8:30	79	78	82	765	735	91	770	4.6	0.0							
3/25/2004	7608	6:00	73	73	74	810	770	90	1,223	58	0.0							
3/29/2004	7703	9:00	103	90	89	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
4/1/2004	7707	6:00	69	104	97	825	805	73	1,191	6.5	0.00							
4/8/2004	7875	9:00	79	77	75	830	810	87	1,030	31	0.00							
4/15/2004	8040	6:00	71	72	75	835	805	89	89	14	0.00							
4/22/2004	8213	12:00	92	87	89	835	780	82	931	250	2.2							
4/29/2004	8375	6:00	79	82	81	765	690	89	1,103	21	4.6							
5/6/2004	8545	6:00	90	90	84	780	773	89	1,030	10.8	1.7							
5/13/2004	8716	9:00	103	96	89	775	743	87	980	54	9.5							
5/14/2004	8737	6:30	83	90	89	843	796	81	980	4.8	0.0							
5/17/2004	8799	9:30	75	92	93	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
5/18/2004	8825	12:00	87	82	83	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
5/20/2004	NM	9:00	84	81	79	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
5/27/2004	9035	9:00	85	85	85	753	740	93	1,185	1.9	0.00							
6/3/2004	9203	6:30	83	90	91	718	701	84	764	80	55							
6/10/2004	9369	6:30	87	90	84	779	768	93	1,125	4	0.0							
6/17/2004	9540	10:00	96	96	96	745	728	96	1,008	145	32							
6/18/2004	9560	6:00	85	83	82	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
6/24/2004	9705	6:00	82	82	82	795	773	77	764	211	156							
7/1/2004	9873	6:30	92	96	88	793	781	80	1,724	725	581							
7/8/2004	10041	6:30	89	91	94	900	885	53	145	32	0.00							
7/15/2004	10209	6:30	100	102	94	857	771	80	200	6	1.90							
7/22/2004	10379	9:00	109	107	86	738	725	87	565	11.8	1.1							
7/29/2004	10548	9:00	114	108	105	775	750	87	592	40.0	0.6							
7/30/2004	10577	16:00	108	114	103	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM			
8/5/2004	10713	9:00	108	105	94	780	760	88	537	3.4								
8/12/2004	10879	6:30	104	104	93	770	755	84	360	10.0	3							
8/19/2004	11049	8:30	113	109	101	699	690	92	480	40.0	4.2							
8/26/2004	11216	6:30	107	105	98	741	669	90	875	10.7	0							
9/2/2004	11386	10:00	119	111	108	727	699	90	469	29.0	0							
9/3/2004	11412	11:30	113	111	103	811	781	88	NM	58	NM							
9/9/2004	11552	8:30	110	105	103	880	845	64	272	2.0	0							
9/16/2004	11722	10:00	103	102	99	405	957	24	102	2.0	0.8							
9/23/2004	11891	10:00	118	110	107	393	930	24	111	3.1	0.4							
9/30/2004	12057	9:00	102	104	98	750	710	64	317	3.3	0							

TABLE 1 - TREATMENT SYSTEM FIELD DATA (2002 - 2006)

Site Name:	BRC Former C-6 Facility Los Angeles, California	Location:		System:	Building 1/36 Interim Action SVE System	DATE	HOUR METER	TIME	INLET	TEMP. (deg F)	MAX TEMP (deg F)	PRIMARY VESSEL	SECONDARY VESSEL	UNDILUTED INLET	DILUTED INLET	VACUUM	UNDILUTED INFLUENT	MID POINT CARBON	EFFLUENT CARBON	COMMENTS
<b>System Shut Down for Site Redevelopment</b>																				
3/2/2006	2069.1		8:30	130	NM	N/A	978	54.47	76.2	0.0	0.0									
3/8/2006	2069.7	16:00	90	NM	N/A	322	34.05	N/A	N/A	N/A	N/A									
3/9/2006	2094.9	17:20	82	NM	347	327	34.05	51.0	0.0	0.0	0.0									
3/10/2006	2115.3	13:55	88	NM	284	301	40.86	42.6	0.0	0.0	0.0									
3/12/2006	2162.4	12:55	90	NM	318	310	40.86	41.0	0.0	0.0	0.0									
3/13/2006	2189.6	16:00	90	NM	291	280	40.86	43.2	0.0	0.0	0.0									
3/14/2006	2213.9	16:30	92	NM	291	300	40.86	42.6	0.0	0.0	0.0									
3/15/2006	2229.8	16:30	90	NM	301	291	40.86	46.7	0.0	0.0	0.0									
3/16/2006	2256.6	19:00	90	NM	291	296	40.86	46.1	0.0	0.0	0.0									
3/21/2006	NM	8:00	90	NM	289	290	40.86	41.0	0.0	0.0	0.0									
3/24/2006	2429.5	10:30	90	NM	287	290	40.86	44.0	0.0	0.0	0.0									
3/28/2006	2520.1	16:30	90	NM	310	311	40.86	NM	NM	NM	NM									
3/29/2006	2538.2	8:30	90	NM	290	296	40.86	NM	NM	NM	NM									
3/31/2006	2589.2	11:30	90	NM	286	362	40.86	25.1	0.0	0.0	0.0									
4/3/2006	2610.1	12:30	90	NM	426	440	40.86	NM	NM	NM	NM									
4/4/2006	2638.2	13:45	90	NM	410	442	40.86	NM	NM	NM	NM									
4/5/2006	2656.6	13:45	90	NM	400	410	40.86	40.1	0.0	0.0	0.0									
4/12/2006	2821.1	10:00	100	NM	400	410	40.86	40.1	0.0	0.0	0.0									
4/19/2006	2986.2	7:00	125	NM	680	680	40.86	46.3	0.0	0.0	0.0									
4/26/2006	3103.3	15:40	116	NM	660	660	54.47	31.2	4.4	0.0	0.0									
5/3/2006	3267.8	16:10	100	NM	641	645	47.66	26.1	2.2	0.0	0.0									
5/11/2006	3458.5	15:00	102	NM	645	640	47.66	18.1	1.9	0.0	0.0									
5/15/2006	3555.7	16:20	102	NM	N/A	N/A	47.66	NM	NM	NM	NM									
5/17/2006	3555.7	16:40	70	NM	632	625	47.66	NM	NM	NM	NM									
5/19/2006	3601.0	7:30	113	NM	651	646	47.66	18.3	0.0	0.0	0.0									
5/22/2006	3671.8	7:30	110	NM	648	660	47.66	NM	NM	NM	NM									
5/24/2006	3722.9	7:30	115	NM	655	649	47.66	18.6	0.0	0.0	0.0									
6/1/2006	3913.0	14:00	115	NM	660	652	47.66	16.9	0.0	0.0	0.0									
6/7/2006	4056.0	13:00	115	NM	659	650	47.66	17.9	0.0	0.0	0.0									
6/14/2006	4224.0	13:00	118	NM	668	648	47.66	15.8	0.0	0.0	0.0									
6/23/2006	4459.8	13:00	116	NM	660	651	47.66	16.2	0.0	0.0	0.0									
6/28/2006	4561.3	14:00	130	NM	654	659	47.66	17.1	0.0	0.0	0.0									
7/3/2006	4681.6	14:30	132	NM	651	659	47.66	16.1	0.0	0.0	0.0									
7/13/2006	4922.8	16:00	140	NM	725	730	47.66	25.2	1.0	0.0	0.0									
7/20/2006	5081.8	7:10	110	NM	980	968	47.66	NM	NM	NM	NM									
7/21/2006	5119.5	20:45	130	NM	745	740	47.66	26.8	1.2	0.0	0.0									
7/31/2006	5210.1	11:00	110	NM	726	716	47.66	NM	NM	NM	NM									
8/1/2006	5236.0	13:15	130	NM	746	750	47.66	16.1	0.0	0.0	0.0									
8/3/2006	5238.0	11:00	110	NM	749	751	47.66	18.8	4.1	0.0	0.0									
8/11/2006	5241.0	15:10	132	NM	178	210	47.66	10.2	0.0	0.0	0.0									
8/15/2006	5330.1	13:40	115	NM	NM	NM	47.66	27.24	NM	NM	NM									
8/16/2006	5363.7	17:30	125	NM	750	755	47.66	25.9	0.0	0.0	0.0									
8/22/2006	5498.8	14:15	130	NM	741	726	47.66	NM	NM	NM	NM									
8/23/2006	5523.7	15:15	140	NM	705	707	47.66	19.4	0.1	0.0	0.0									
8/29/2006	5669.3	16:30	140	NM	725	720	47.66	21.1	0.0	0.0	0.0									
9/9/2006	5930.6	14:00	125	NM	726	716	47.66	18.0	0.0	0.0	0.0									
9/13/2006	6031.6	19:00	120	NM	750	731	47.66	20.4	1.0	0.0	0.0									
9/22/2006	6247.5	19:00	125	NM	728	742	47.66	17.8	4.1	0.0	0.0									
9/28/2006	6376.6	16:00	125	NM	741	767	47.66	27.8	1.0	0.0	0.0									
10/2/2006	6481.9	13:30	134	NM																

**TABLE 1 - TREATMENT SYSTEM FIELD DATA (2002 - 2006)**

Site Name:	BRC Former C-6 Facility Los Angeles, California Building 1/36 Interim Action SVE System													
Location:		DATE	HOUR METER	TIME	INLET	PRIMARY VESSEL	SECONDARY VESSEL	UNDILUTED INLET	DILUTED INLET	VACUUM	UNDILUTED INFLUENT	MID POINT CARBON	EFFLUENT CARBON	COMMENTS
System:						MAX TEMP (deg F)	MAX TEMP (deg F)	FLOW RATE (1) (scfm)	FLOW RATE (1) (scfm)	(inches of H2O)	FID (2,3) (ppmv)	FID (2,3) (ppmv)	FID (ppmv)	
		10/27/2006	7081.8	16:00	130	NM	NM	741	726	47.66	20.1	0.0	0.0	Motor running at 42.0 Hz.
		10/30/2006	7149.9	7:00	130	NM	NM	621	741	47.66	20.1	0.0	0.0	Motor running at 42.0 Hz.
		11/2/2006	7229.7	17:00	130	NM	NM	721	762	47.66	20.0	0.0	0.0	Motor running at 42.0 Hz.
		11/13/2006	7347.4	13:30	100	NM	NM	680	691	0.0	0.0	0.0	0.0	Motor running at 42.0 Hz.
		11/14/2006	7365.3	7:30	100	NM	NM	670	676	0.0	0.0	0.0	0.0	Motor running at 42.0 Hz.
		11/15/2006	7390.5	15:30	99	NM	NM	659	671	0.0	0.0	0.0	0.0	Motor running at 42.0 Hz.
		11/16/2006	7407.7	9:00	120	NM	NM	682	691	27.24	9.5	0.0	0.0	Motor running at 42.0 Hz.
		11/17/2006	7442.8	19:00	125	NM	NM	650	671	54.47	34.0	0.0	0.0	Motor running at 42.0 Hz.
		11/18/2006	7463.6	17:00	140	NM	NM	660	682	54.47	35.1	0.0	0.0	Motor running at 42.0 Hz.
		11/19/2006	7456.6	10:00	140	NM	NM	667	680	54.47	36.1	0.0	0.0	Motor running at 42.0 Hz.
		11/20/2006	7503.2	8:30	145	NM	NM	671	686	54.47	36.8	0.0	0.0	Motor running at 42.0 Hz.
		11/20/2006	7515.7	21:00	140	NM	NM	669	681	54.47	37.0	0.0	0.0	Motor running at 42.0 Hz.
		11/27/2006	7682.2	19:30	125	NM	NM	640	655	54.47	35.6	1.0	0.0	Motor running at 42.0 Hz.
		11/28/2006	7705.7	19:00	125	NM	NM	660	665	54.47	33.0	1.8	0.0	Motor running at 42.0 Hz.
		12/1/2006	7765.8	7:00	120	NM	NM	676	682	54.47	102.1	20.2	0.0	Motor running at 42.0 Hz.
		12/1/2006	7776.5	18:00	140	NM	NM	681	690	54.47	106.1	0.0	0.0	Motor running at 42.0 Hz.
		12/2/2006	7794.5	13:00	140	NM	NM	670	679	54.47	99.7	0.0	0.0	Motor running at 42.0 Hz.
		12/4/2006	7837.0	6:30	125	NM	NM	676	686	54.47	89.6	0.0	0.0	Motor running at 42.0 Hz.
		12/5/2006	7866.5	12:00	130	NM	NM	679	689	54.47	118.2	9.2	0.0	Motor running at 42.0 Hz.
		12/7/2006	7912.5	10:00	130	NM	NM	675	681	54.47	119.6	10.3	0.0	Motor running at 42.0 Hz.
		12/8/2006	7945.2	18:30	125	NM	NM	680	689	54.47	115.9	0.0	0.0	Motor running at 42.0 Hz.
		12/10/2006	7963.7	13:00	140	NM	NM	660	669	54.47	108.1	0.0	0.0	Motor running at 42.0 Hz.
		12/11/2006	8004.6	6:15	125	NM	NM	690	692	54.47	110.6	0.0	0.0	Motor running at 42.0 Hz.
		12/13/2006	8041.3	17:30	130	NM	NM	681	693	54.47	114.0	0.0	0.0	Motor running at 42.0 Hz.
		12/15/2006	8112.0	17:30	130	NM	NM	674	681	54.47	116.0	0.0	0.0	Motor running at 42.0 Hz.
		12/17/2006	8154.0	13:00	125	NM	NM	680	688	54.47	119.3	0.6	0.0	Motor running at 42.0 Hz.
		12/18/2006	8174.0	7:00	125	NM	NM	685	691	54.47	119.9	1.0	0.0	Motor running at 42.0 Hz.
		12/19/2006	8210.5	19:30	125	NM	NM	690	694	54.47	114.8	1.1	0.0	Motor running at 42.0 Hz.
		12/22/2006	8280.3	18:00	120	NM	NM	685	690	54.47	118.3	1.6	0.0	Motor running at 42.0 Hz.
		12/26/2006	8368.0	9:30	115	NM	NM	670	678	54.47	100.9	3.6	0.0	Motor running at 42.0 Hz.
		12/27/2006	8401.3	19:00	110	NM	NM	691	699	54.47	101.9	4.8	0.0	Motor running at 42.0 Hz.
		12/29/2006	8448.4	18:00	110	NM	NM	685	690	54.47	97.6	5.0	0.0	Motor running at 42.0 Hz.

Notes:

ppmv: parts per million by volume  
scfm: standard cubic foot per minute (acfm corrected for vacuum and temperature)

NA: Data not available or applicable

NM: Data not measured

GAC: granular activated carbon

\*\* Associated hour meter readings are extrapolated from nearest date and time readings with hour reading measurements

(1) Direct flow readings taken by hand-held TSI Veloci-scale Plus, unless otherwise denoted

(2) Measurements taken with a Foxboro OVA-108 PID calibrated to 100 ppmv Hexane until August 2003 when changed to MiniRea-2000.

(3) As of 3/12/03, Field measurements were conducted using a 10.6 eV PID. No correction has been applied.

**TABLE 2**  
**MAINTENANCE LOG**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

DATE	MAINTENANCE ACTIVITY
7/2/2001	Pilot system started
8/17/2001	One GAC vessel was changed out (8,000 lbs), system shut down contingent to potential move to C-1
9/11/2001	System restarted
10/1/2001	System shutdown and wells abandoned for site grading
11/29/2001	New well installed and re-piped to system
12/13/2001	System restarted
12/20/2001	System shutdown, GAC breakthrough
12/28/2001	One GAC vessel was changed out (8,000 lbs), system restarted
1/31/2002	System shutdown, GAC breakthrough
2/6/2002	One GAC vessel was changed out (8,000 lbs), system restarted
2/21/2002	System shutdown, GAC breakthrough
2/27/2002	One GAC vessel was changed out (8,000 lbs), system restarted
3/8/2002	System shutdown, GAC breakthrough, one GAC vessel was changed out (8,000 lbs), system restarted
3/29/2002	Pilot system shutdown and removed, GAC breakthrough, install 1,000 scfm unit
4/17/2002	One GAC vessel (8,000 lbs) changed out in preparation for 1000 scfm unit
5/15/2002	1000 scfm unit installed and started, South vessel as primary carbon
5/18/2002	System shutdown, west vessel switched into primary position, system restarted
5/21/2002	South GAC vessel was changed out (8,000 lbs), system restarted, south vessel as primary carbon
5/27/2002	System shut down, GAC breakthrough
5/29/2002	South and West GAC vessel were changed out (16,000 lbs), system restarted, west vessel as primary carbon
6/3/2002	North vessel as primary and south vessel as secondary carbon, system modifications installed
6/7/2002	System shutdown due to apparent vandalism
6/12/2002	GAC overheating discovered. Quenched with water
6/13/2002	Additional GAC quenching. GAC removed from all three vessels
8/1/2002 - 9/30/2002	Bidding and procurement for retrofit
10/30/2002	Notice to proceed for retrofit contractor
11/13/2002	Complete water line installation
12/3/2002	Deliver GAC vessels with retrofits
12/10/2002	Equipment and electrical installation
12/23/2002 - 1/2/2003	Holiday shutdown period
1/3/2003	System modification and pre-startup testing
3/12/2003	Begin start-up procedures. System operating during working hours while extraction wells are brought on-line
3/14/2003	Continuing start-up procedures: SVE is left to run continuously. More wells are brought on line.
3/24/2003	One GAC vessel was changed out (8,000 lbs), system restarted
3/31/2003	System shut down while waiting for carbon regeneration, GAC breakthrough during start-up procedures.
4/1/2003	Carbon in vessels V-2 and V-3 was replaced (approx 16,000 lbs) and the system restarted. Vessel V-4 made the primary and vessel V-3 the secondary.
4/3/2003	Start Turning on category 1 wells (wells with expected MEK concentrations)
4/7/2003	Removed 30 gallons of water that accumulated in wellfield piping. Water placed in on-site water storage tank.
4/11/2003	Breakthrough from primary vessel (V-4). Vessel V-3 made the primary and Vessel 2 the secondary
4/15/2003	Finished opening wells for re-start up procedures: all wells open. Carbon in vessel V-4 replaced (8,000 lbs).
4/16/2003	Breakthrough from primary vessel V-3. Vessel V-2 made the primary and vessel V-4 the secondary.
4/21/2003	Carbon in vessel V-3 replaced (8,000 lbs.). Breakthrough from vessel V-2. Vessel V-4 made the primary and vessel V-3 the secondary.
4/25/2003	Carbon stored on-site while carbon is re-profiled as all wells are now on-line
4/29/2003	Carbon in vessel V-2 replaced (approx 6,500 lbs.). Breakthrough from vessel V-4. Vessel V-3 made the primary and vessel V-2 the secondary.
5/5/2003	Operation and Maintenance of SVE system turned over to Wayne Perry. Breakthrough of primary vessel (V3).
5/6/2003	Change carbon in primary (V3) and secondary (V2) vessels.
5/8/2003	Meeting with Value Engineering to obtain access to PLC program. Check system.
5/12/2003	O&M of system by WPI, breakthrough on primary vessel (V2). Changed primary vessel to V4 and secondary to V3.
5/14/2003	Carbon change vessel (V2).
5/19/2003	O&M by WPI, breakthrough of primary vessel (V4), changed primary to V3 and secondary to V2.
5/21/2003	Carbon change vessel (V4).
5/22/2003	System shut down due to AQMD permit compliance issues. System remains shut down.
6/27/2003	Reviewed start-up check list. Raised exhaust stack from 12.5 to 14 feet. Blower motor was unstuck.
7/1/2003	Drained water from carbon canisters prior to start up. System shut down pending carbon change out.
7/2/2003	Carbon in V-2 and V-3 was replaced. V-4 was changed to primary and V-3 was changed to secondary.
7/18/2003	Breakthrough from primary vessel (V-4). Vessel V-3 made the primary and Vessel 2 the secondary.
7/24/2003	Carbon in V-4 was replaced. Greased motor and blower. Checked blower oil.
7/31/2003	Breakthrough from primary vessel (V-3). Vessel V-2 was changed to primary and V-4 the secondary.
8/7/2003	Carbon in V-3 replaced with 7 sacks of carbon. Secondary vessel changed from V-4 to V-3
8/14/2003	Per H&A Squire, WPI closed VEW24A at 08:00. Carbon in V-2 replaced with 7 sacks of carbon.
8/21/2003	Per H&A Squire, WPI opened Wells VEW22A and VEW24A. WPI also rechecked the following wells at H&A's direction: VEW9, VEW10B, VEW11B, VEW22A and VEW24A. VOC readings were taken after wells were opened.
8/28/2003	Carbon in V-3 replaced with 7 sacks of carbon. Primary vessel changed from V-3 to V-2. Water pump making noise may need to be replaced.
9/4/2003	Computer screen not working and was unable to get temperatures on carbon tanks. Pump that removes water from carbon tanks still not working.
9/4/2003	Changed flows on VEW9, VEW11B and VEW24A. Opened and set flow at 10 for wells VEW21A, VEW21B, VEW23A,

**TABLE 2**  
**MAINTENANCE LOG**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

DATE	MAINTENANCE ACTIVITY
9/5/2003	VEW23B and VEW24B per H&A.
9/5/2003	H&A is working on resolving computer issue which is still not working so there are no temperature readings.
9/5/2003	Adjusted wells per H&A: VEW9, VEW11B, VEW23A, VEW23B, VEW24A and VEW24B lowered flow to 5.
9/5/2003	Opened VEW24A, VEW24B to 10 scfm eff at 325 scfm. Opened VEW23B to 10 scfm eff at 1250 scfm. Closed VEW23B, VEW24A and VEW24B and left system running.
9/11/2003	Primary vessel changed from V-2 to V-4. Carbon in V-2 was replaced with 7 sacks of carbon. Opened VEW24A and VEW24B and set at 10 scfm per H&A.
9/18/2003	Primary vessel changed from V-4 to V-3. Carbon in V-4 was replaced with 7 sacks of carbon per H&A. Opened VEW23B. WPI reduced scfm to 8.25 that lowered undiluted influent to 845.
9/25/2003	Primary vessel changed from V-3 to V-2. Opened VEW23A at 20 scfm. Changed scfm on VEW9, VEW10B and VEW 11B from 10 to 20 scfm.
10/9/2003	Per Haley & Aldrich, WPI opened Wells VEW-9, 10B, 21B and 24B to 100% to raise influent concentrations to 860 ppmv and opened VEW-23B to 11 scfm. No carbon change occurred. Primary vessel changed from V-2 to V-4 and secondary vessel from V-4 to V-3.
10/16/2003	No changes at wells. Added 7 sacks of carbon to V-2 and changed primary vessel from V-4 to V-3 and secondary vessel from V-3 to V-2.
10/23/2003	Per Haley & Aldrich, WPI closed Wells VEW 5, 6, 15A, 17A & B 18 A&B and 20A. The system was shutdown for 45 minutes to change blower oil and lube bearings. Carbon in V-4 was replaced with 7 sacks of carbon.
10/30/2003	Arrived on site and the system was found not running. Blower was shutdown and alarm was flashing. Checked blower and motor. Re-started system.
11/3/2003	Arrived on site to verify system was in operation per Haley & Aldrich, took system readings at carbon system. Carbon 1 and exhaust exceeded limits, shut down system for carbon change. Changed carbon in V-3 and V-2, placing 7 sacks of carbon in each. Primary vessel was switched from V-3 to V-2 and then to V-4.
11/10/2003	Temperature of carbon tanks was checked.
11/13/2003	Unit had shut down on November 10, 2003 at approximately 3PM. System flooded carbon tanks V-3 and V-2. Berm was found full of water as is storage tanks. Unit will remain down until all water is removed.
11/20/2003	Unit is running on dilution air only. Well field was closed off and then VOC readings were measured at exhaust and after Carbon #1. Later, well field was opened. Per Haley & Aldrich, well VEW-23B was closed. Primary vessel switched from V-4 to V-3.
11/26/2003	Upon departure from site, WPI opened dilution valve to 100% and closed valve to well field per Haley & Aldrich.
12/1/2003	Upon arrival, WPI opened well field valve and closed manual dilution valve. Per Haley & Aldrich, WPI opened 23B to raise influent level to 949, carbon breakthrough was 11.7 and exhaust was 2.8. Water storage tank has 19" of water. SVE system must be pulling water into the knock-out pot and pumping it into the tank. Unauthorized trucks and bikes have been driving around the well field and leaving tracks.
12/4/2003	Primary vessel switched from V-3 to V-2; secondary vessel switched from V-2 to V-4.
12/11/2003	Primary vessel switched from V-2 to V-4; secondary vessel switched from V-4 to V-3. Carbon in V-3 was replaced with 7 sacks of carbon.
12/18/2003	Primary vessel switched from V-4 to V-3; secondary vessel switched from V-3 to V-2. Carbon in V-2 was replaced with 7 sacks of carbon. Per Haley & Aldrich, WPI opened 23B from 11 scfm to 15 scfm to raise influent concentration to the unit.
12/23/2003	Storage tank was pumped out by Boeing. Shut down system and quenched V-3 and V-2. At Boeing's request, WPI shut off main water and power to unit over the holiday period. Carbon in V-4 was replaced with 7 sacks to carbon.
1/5/2004	System re-started after holiday break. Greased blower, pumped water from V-3 and V-2 and compound into storage tank due to rain.
1/7/2004	Completed annual system checklist with Haley & Aldrich.
1/8/2004	Per Haley & Aldrich, WPI set flow on 23B to 12 scfm and on departure from the site, the undiluted inlet was 740 ppmv and Carbon 1 was 12.8 ppmv.
1/12/2004	System called in an alarm, WPI went to check on system and found system to be operating normally. Notified Haley & Aldrich.
1/15/2004	Per Haley & Aldrich, WPI opened VEW23B to raise undiluted influent concentration up to 920 ppmv at departure from site. Changed primary vessel from V-3 to V-2 and secondary vessel from V-2 to V-4.
1/19/2004	WPI was on site for carbon change when it was cancelled by Haley & Aldrich due to construction activities on site.
1/22/2004	WPI arrived on site and found dilution valve was opened on 1/21/04 by Haley & Aldrich due to construction activities during which the water line was broken. Well field is closed. WPI installed a 2 inch water valve per Haley & Aldrich drawing.
1/29/2004	WPI arrived on site to check well field and collect samples. System is currently running on dilution air only. Opened well field to collect lab samples and then returned system to full dilution air only.
2/2/2004	WPI arrived on site to open well field back on line after closing dilution valve. Turned on 2" water line and flushed line. Took apart back flow preventer and cleaned it. Upon departure, influent was at 534 ppmv and Carbon #1 was 9.2 ppmv per Haley & Aldrich.
2/3/2004	WPI arrived on site to verify system was operating correctly. Pumped 50 gallons of water from compound and equipment was operating.
2/5/2004	WPI opened Wells VEW5, VEW6, VEW15A, VEW17A, VEW17B, VEW18A, VEW18B and VEW20A per Haley & Aldrich. WPI also set influent at 851 per Haley & Aldrich and at departure, breakthrough was 7.4 and exhaust was 0.9. Primary vessel was switched from V-2 to V-4; secondary vessel was switched from V-4 to V-3. Carbon was replaced in V-2 and V-3 with 7 sacks of carbon in each vessel.
2/12/2004	WPI changed primary vessel from V-4 to V-3 and secondary vessel from V-3 to V-2.
2/19/2004	Per Haley & Aldrich, WPI set the undiluted influent to 982 and the carbon 1 was 11.5 at departure. Carbon in V-4 was replaced with 7 sacks of carbon.
2/26/2004	Primary vessel was switched from V-3 to V-2 and secondary vessel was switched from V-2 to V-4.
3/4/2004	Primary vessel was switched from V-2 to V-4 and secondary vessel was switched from V-4 to V-3. Carbon was replaced in V-3 with 7 sacks of carbon. Per Haley & Aldrich, WPI reduced the flow from wells VEW10A, VEW11A, VEW12, VEW13A, VEW15B, VEW16A, VEW19A, VEW19B, VEW20B, VEW21A, VEW22B, VEW24A and VEW25A to increase flow from VEW23B.
3/11/2004	Primary vessel was switched from V-4 to V-3 and secondary vessel was switched from V-3 to V-2. Upon departure, WPI measured undiluted influent at 981 ppmv. Carbon was changed in V-2 with 7 sacks of carbon.
3/18/2004	On departure, influent was at 615 and 1-VEW-23B was at 100% open. Carbon 1 was at 6.8 ppmv. WPI called Haley & Aldrich and reviewed all readings and left system running at current settings. 7 sacks of carbon was replaced in V-4.
3/25/2004	On departure, influent was at 958 ppmv and Carbon 1 was 3.9 ppmv. Collected monthly samples. Primary vessel was switched from V-3 to V-2 and secondary vessel was switched from V-2 to V-4.
3/29/2004	System called in an alarm to WPI. Arrived on site and found blower was off and vessels did not quench. WPI tested all fuses which were in working order. Computer was indicating that blower was shut down and dilution valve was fully open. WPI restarted system. System was running upon departure.

**TABLE 2**  
**MAINTENANCE LOG**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

DATE	MAINTENANCE ACTIVITY
4/1/2004	Arrived on site and found the system was off. WPI did reset and started the system. System was operating normally upon departure.
4/8/2004	Arrived on site and found water pipe leaking at backflow preventer and ball valve at backflow turned off. WPI contacted Haley & Aldrich to notify them that the valve had been turned off. Primary vessel was switched from V-2 to V-4 and secondary vessel was switched from V-4 to V-3.
4/9/2004	WPI shut down 2" water main and repaired leak at backflow preventer. Added a 2" ball valve before check valve. WPI supported the backflow preventer with unistrut and painted all valves to remain open orange so that contractors would not close them. System was left running.
4/15/2004	On departure influent was 953 ppmv. Carbon was replaced in V-2 with 7 sacks of carbon.
4/22/2004	Per Haley & Aldrich, WPI closed Wells VEW 17A, 17B, 18A and 18B. WPI also adjusted Well VEW15A to flow of 5 per Haley & Aldrich Upon departure, undiluted influent VOC's were 977 and flow was 760. Primary vessel was switched from V-4 to V-3 and the secondary vessel was switched from V-3 to V-2.
4/29/2004	WPI arrived on site to find lower gate open. Four extension cords were found missing. WPI changed the locks to 2004 and installed a chain at the lower gate. In addition, WPI found that rocks have been thrown into the gated area. Per Haley & Aldrich, WPI closed wells VEW5, VEW6, VEW14A and VEW20A. Added 7 sacks of carbon to V-4. Primary vessel was switched from V-3 to V-2 and the secondary vessel was switched from V-2 to V-4.
5/6/2004	Replaced 7 sacks of carbon in V-3. Per Haley & Aldrich, WPI closed wells VEW11A, 13A, 15A, 16A, 19A and 25A. WPI also opened sample ports on wells VEW11A, 13A, 15A, 16A, 19A and 25A, per Haley & Aldrich. After well adjustments, undiluted influent was 760 scfm and 1094 VOC's. The carbon 1 breakthrough was 8.1, upon departure.
5/13/2004	Replaced 7 sacks of carbon in V-2 and V-4. Primary vessel was switched from V-2 to V-4 and secondary vessel from V-4 to V-3. During change out, the vacuum hose turned on the water valve to V-3 and approximately 30" of water got into tank. Dumped water out and switched secondary tank to V-2 to allow V-3 to dry out.
5/14/2004	Per Haley & Aldrich, WPI closed VEW 23A and opened sample ports on wells VEW 5, 6, 14A, 17A, 17B, 18A, 18B, 20A and 23A. At departure, undiluted influent was 978 VOC's and the flow was 782 scfm.
5/17/2004	WPI arrived on site and found blower was off. WPI reset the blower and re-started it. Per Haley & Aldrich, WPI opened dilution air valve and closed well field valve. Haley & Aldrich is to inspect site.
5/18/2004	Per Haley & Aldrich, WPI arrived on site to check the temperatures in carbon tanks and to check water pressure. Water pressure was 72lbs psi and 20lbs psi when flowing.
5/20/2004	Per Haley & Aldrich, WPI arrived on site to check the temperatures in carbon tanks.
5/27/2004	Per Haley & Aldrich, WPI closed dilution valve. WPI cleaned the inside of the control panel and changed the combination locks on the compound back to 2002.
6/3/2004	WPI arrived on site to find that construction had begun at the Wal-Mart. WPI personnel noted that four wheel drive tire tracks were noticeable in and around the well field. There was no apparent damage to wells.
6/10/2004	Per Haley & Aldrich, WPI closed Wells VEW19B, 21A, 24A and opened their sample ports. At departure, Vacuum was at 94", flow was 751 scfm and VOC's were 985 ppmv.
6/17/2004	Per Haley & Aldrich, WPI shut off well field and system is running on full dilution air only until carbon is changed. Changed primary vessel from V-2 to V-3 and secondary vessel from V-3 to V-4. Closed wells VEW19B, 21A and 24A.
6/18/2004	Per Haley & Aldrich, WPI was on site for a carbon change - 7 sacks of carbon was added to V-2. Primary vessel was switched from V-3 to V-4 and secondary vessel was switched from V-4 to V-2.
6/24/2004	Per Haley & Aldrich, WPI opened three new wells - 1-VEW-27, 1-VEW-28 and 1-VEW-29. WPI opened the wells at 100% and took readings. Added 7 sacks of carbon to V-3.
7/1/2004	Per Haley & Aldrich, WPI opened wells - VEW 15A, 15B, 16A, 17A, 17B, 18A, 18B, 19A, 19B, 20A, 20B. WPI opened the wells at 100%. WPI also closed down well VEW23B to 20%, open to lower effluent to 1096 ppmv. Primary vessel was switched from V-2 to V-3. Secondary vessel switched from V-3 to V-4. Added 7 sacks of carbon to V-4 and V-2. Secondary change out occurred after carbon was added. Primary vessel was switched from V-3 to V-4. Secondary vessel was switched from V-4 to V-2. The influent into Carbon I seemed very warm and smelled like varnish. Two carbon tanks were changed out. The wells were adjusted and the the influent was at 1096ppmv.
7/8/2004	WPI was on site to conduct carbon change - 7 sacks of carbon was added to V-3. Primary vessel switched from V-4 to V-2 and secondary vessel switched from V-2 to V-3. Per Haley & Aldrich, WPI opened 23B 100% and closed wells 15A&B, 17A&B, 18A&B, 19A&B, and 20A&B to raise influent VOC, and opened sample ports on closed wells.
7/15/2004	Per Haley & Aldrich, WPI closed wells 8A&B, 10A, 16 A&B, 22B to raise undiluted influent VOC's. Sample ports were opened on the closed wells. At departure, undiluted influent flow was 720 scfm and the VOC's were 280. WPI was onsite to conduct a carbon change. 7-sacks of carbon was added to V-4.
7/30/2004	Arrived on site to check alarm, the blower was off. V-2 had one temperature reading at 158 degrees. WPI called H&A, who had WPI quench V-2 to the top of the vessel. System was restarted, and was running fine on departure.
8/19/2004	Primary vessel switched from V-3 to V-4 and secondary vessel switched from V-4 to V-2. Well 1, 2 and 3 closed due to construction at Walmart.
8/26/2004	Readings were not completed on well field, due to construction at site.
9/2/2004	Primary vessel switched from V-4 to V-3; secondary vessel switched from V-2 to V-3. Well 9 closed to 20%, Well 21B closed to 10%, well 23B closed to 23%. SVE System running hot. Wells 4,7,10A, 11A, 13A, 14A, 14B, 21A, 22B, 24A, and 25A opened to 100% to add cooling air to system. Undiluted influent still at 118 degree. Manual dilution valve opened 50% to cool system until the next day to adjust system again.
9/3/2004	Readings and well settings were recorded at departure. Well 23B, 9, 21B opened to 100%.
9/9/2004	At departure, due to system temperature, air was turned on 50%. Per Haley & Aldrich, WPI closed Well 10A, 11A, 13A, 14A, 21A, 22B, 24A, and 25A, to raise undiluted concentrations. After reading the wells, WPI checked the sub-unit and found the temp was at 131 degrees. Haley and Aldrich had WPI open the wells that had been closed earlier. The system was hot, so the dilution valve was opened to 50%. The blower seems to be overheating the air going into the system.
9/30/2004	On 9/28/04, Haley & Aldrich had WPI close the dilution valve. At 1:45pm, WPI shut down the SVE unit and flooded V-2 and V-3 with water. Vapor lab samples were collected at Wells 7, 9, 10A, 10B, 11A, 11B, 12, 21A, 21B, 23A, 24A,24B

**TABLE 2**  
**MAINTENANCE LOG**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building I/36 Interim Action SVE System

DATE	MAINTENANCE ACTIVITY
3/2/2006	Started system. Performed test on system alarms, Vessel V-4 is off line
3/8/2006	Checked system for operation, Vessel V-4 is off line
3/9/2006	Checked system operation, collected laboratory analysis, Vessel V-4 is off line
3/10/2006	Checked system for operation, Vessel V-4 is off line
3/12/2006	Checked system for operation, Vessel V-4 is off line
3/13/2006	Checked system for operation, Vessel V-4 is off line, repaired high-high switch on sump, changed one thermocouple wire
3/14/2006	Checked system for operation, Vessel V-4 is off line, leak on 8" steel stand pipe
3/15/2006	System shut down at 12:10AM, restarted system at 8:20AM
3/16/2006	Performed weekly O&M at the site
3/21/2006	Performed weekly O&M at the site. System shut down at 11:00 PM due to high level in sump from rains
3/24/2006	Performed weekly O&M at the site. Collected laboratory analysis of the system
3/28/2006	System down due to High water. Setup Sump pump and pumped out rain water.
3/29/2006	Pumped rain water out of compound.
3/31/2006	System operating upon arrival, performed weekly O&M
4/3/2006	System down upon arrival due to berm full of rain water, checked for leaks on the system, no leaks, pumped water out of berm. Washed down compound. Breaker tripped on unit reset and restarted system. Performed monthly alarm check, V-2 Primary, V-3 Secondary
4/4/2006	System down upon arrival due to berm full of rain water, checked for leaks on the system, no leaks, pumped water out of berm. Restarted system.
4/5/2006	System operating upon arrival, berm filled with rain water checked for leaks on the system, no leaks, pumped water out of berm. Performed system O&M on the system, collected lab samples on the system.
4/12/2006	System running at arrival, collected system readings: flow, vacuum, and temp. Collected PID readings. dairy
4/18/2006	Opened wells VEW-7, VEW-9, VEW-10A, VEW-10B, VEW-11A, VEW-11B, VEW-19A, VEW-19B, VEW-20A, VEW-20B, VEW-21A, VEW-21B, VEW-22A, VEW-22B, VEW-23A, VEW-23B, VEW-24A, and VEW-24B 25% and set the SVE unit to extract at a rate around 650scfm.
4/19/2006	Returned to collect seven vapor samples from wells VEW-9, VEW-10B, VEW-19A, VEW-19B, VEW-21A, VEW-23B, and VEW-21B. Collected effluent, mid, and influent samples. Temp after heat exchanger 78°F.
4/26/2006	Arrived onsite at 0830, dropped off inverter at west ramp for Alex, collected temp., flow and vacuum readings; collected PID readings
4/28/2006	Received lab analysis and it indicated breakthrough on the primary vessel (V-2). Went to site. Shut down system, quenched primary vessel, brought spare vessel online and restarted the system.
5/3/2006	Collected monthly samples and performed monthly alarm checks.
5/11/2006	System running at arrival, collected system readings: flow, vacuum, and temp. Collected PID readings.
5/15/2006	Received lab analysis and it indicated breakthrough on the primary and effluent vessels. Went to site. Shut down system, quenched both vessels. Left system off until carbon change out can take place. V
5/16/2006	Drained vessels in preparation of carbon chageout in vessels V-2, V-3 and V-4.
5/17/2006	Performed carbon changeout on all three vessels. Each vessel has approximately 7,000 lbs of carbon in each. System restarted with vessel V-3 as primary and V-4 as secondary, vessel V-2 is off line as a spare.
5/18/2006	Lowered flow and vacuum on well VEW-19A per Greg's request; well open ~5%, vacuum at 10".
5/19/2006	System running at arrival, collected system readings: flow, vacuum, temp., and PID.
5/22/2006	System running at arrival, collected system readings: flow, vacuum, temp., and PID; backflow valve leaking, took apart no visible problem - still leaking at departure.
5/23/2006	On site to fix leak at backflow valve, opened all valves to bleed the line, no luck; lowered flow on system until problem is fixed, temperature is the same as on 5/22/06.
5/24/2006	System running at arrival, collected system readings: flow, vacuum, temp., and PID; fixed backflow valve leaking problem.
6/1/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and PID, cleaned compound.
6/7/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and PID, collected monthly samples and performed monthly alarm checks.
6/14/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and PID.
6/23/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and PID; backflow valve leaking again, reprimed valve, working fine at departure.
6/28/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and PID; cleaned compound area.
7/3/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations, monthly samples will be collected next wee
7/13/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations;
7/3/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations; monthly samples will be collected next wee

**TABLE 2**  
**MAINTENANCE LOG**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building I/36 Interim Action SVE System

DATE	MAINTENANCE ACTIVITY
7/13/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations; collected monthly samples and performed monthly alarm checks; adjusted % open status of individual wells per CDM's email - will continue to adjust wells as system permits.
7/20/2006	Onsite for influent sample collection, system running at arrival and departure.
7/21/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations.
7/25/2006	System running at arrival, collected system data and shut down system due to styrene breakthrough, quenched vessels.
7/26/2006	Checked system - vessels temp ok.
7/28/2006	Onsite to perform system maintenance while it is down; trained Kevin on system data collection; system ready for restart.
7/31/2006	Started system at 10:30, collected system readings after 30 minutes of operation; replaced lamp in PID.
8/1/2006	Onsite to collect system data; shut down system at departure; will restart and sample on August 3, 2006.
8/3/2006	System off at arrival; backflow valve leaking- disassembled and cleaned, reassembled and valve is working fine; restarted the system for split vapor sampling; performed monthly checks and shut down system at departure.
8/11/2006	System restarted temporarily using the spare vessel as the second vessel; collected system data and 3 individual wells data, system running at departure; hour meter at 12:10 p.m. = 5238.0, V-2 is #2 and V-3 is #1, V-4 is offline (spent carbon).
8/15/2006	Stan Jackson onsite to oversee carbon changeout in vessels V-3 and V-4; restarted system at 13:40 and collected partial O&M parameters. Left site with system running.
8/16/2006	Lester onsite to perform o&m; vessel 1 (V-2), vessel 2 (V-3) and V-4 is offline; calibrated PID, collected system readings: flow, vacuum, temp., and individual well concentrations.
8/22/2006	Onsite to oversee water meter leak repair, DWP not able to repair leak today but will come back tomorrow; collected minor system data.
8/23/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations. DWP fixed leak at water meter. Performed monthly alarm checks - all operational.
8/29/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations.
9/1/2006	Onsite to post the updated sign on the gate; system running at arrival and departure.
9/9/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations. Performed monthly alarm checks - all oper
9/13/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations.
9/22/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations.
9/28/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations.
10/2/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations. Collected monthly system samples; made adjustments to extraction wells (% open) and collected samples from VEW-19B, 23B and 24B (after 1.5 hours of runtime); performed monthly alarm checks - all operational.
10/5/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations.
10/9/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations. Adjusted following wells to 100% open: VEW-14A, 13B, 10A, 19A, 24A, 23A, 07, 22A, 22B, 25B, 27, 08B, 08A, 23B.
10/11/2006	System running at arrival, vacuumed water from manifold sump; installed sight tube on storage tank
10/17/2006	Onsite to adjust backflow valve per Dennis' request; repurged and reprimed valves, everything ok; preparation of vessel for carbon changeout next day.
10/18/2006	System running at arrival; onsite for carbon changeout in vessel V-2 (offline), V-3 is primary carbon vessel and V-4 is secondary vessel.
10/20/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations.
10/23/2006	System running at arrival, collected system readings: flow, vacuum, temp., and concentrations; meeting with Dennis C. to check on system, fixed air and water leak, installed magnetic gage on 8 inch pipe.
10/25/2006	Onsite meeting with Dennis C. and Bill P. regarding permits and AQMD paperwork QA/QC; checked flow meter and vessels, all ok.
10/27/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations; vacuumed 18.5 gallons of water from sumps at VEW-22A, VEW-22B, VEW-25A, VEW-25B, VEW-26A, VEW-26B, VEW-27, and VEW-28.
10/30/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations; cleaned compound area.
11/2/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, PID and temp. Collected monthly samples. Performed monthly alarm checks - all operational. Closed wells: VEW-13A, VEW-13B, VEW-14A, VEW-14B, VEW-15A, VEW-15B, VEW-17A, VEW-17B, VEW-18A, VEW-18B, &
11/7/2006	System shut down at 6:30 p.m. due to heat exchanger motor malfunction; quenched vessels V-2 and V-3,
11/8/2006	System berm area flooded due to quenching system operating continuously overnight and leak in the 6 inch elbow connection; main power shut down to repair the heat exchanger motor de-energized the solenoid which controls the quenching system, causing continuous water to run through the vessels; minor incident reported to project team.
11/10/2006	Removed motor from heat exchanger and dropped it off at Yardley Pumps for repair; system off at departure.
11/13/2006	Restarted system on ambient air to attempt to dry off wet carbon from vessels V-2 (secondary) and V-3 (primary).
11/14/2006	Onsite to install new motor for the heat exchanger; system still operating on ambient air at departure.
11/15/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations. Replaced fan blades and installed motor.
11/16/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations; PTS onsite to vacuum storage tank; opened valve to well manifold 100%, dilution left open 100%.
11/17/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations. Closed dilution valve.
11/18/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations.

**TABLE 2**  
**MAINTENANCE LOG**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

DATE	MAINTENANCE ACTIVITY
11/19/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations.
11/20/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations.
11/27/2006	System running at arrival, calibrated PID, collected system readings and some individual well readings: flow, vacuum, temp., and concentrations
11/28/2006	System running at arrival, calibrated PID, collected system readings and remainder of individual well readings: flow, vacuum, temp., and concentrations.
12/1/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations; influent concentrations increased, will monitor again after in a few hours.
12/1/2006	System running at arrival, shut system down to switch vessels and quench spent carbon vessel; V-2 is primary, V-4 is secondary and V-3 is offline being quenched; quenched for 1 hour and monitored vessel temperatures.
12/2/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, temp., and concentrations; system temperatures ok.
12/4/2006	System running at arrival, collected system readings: flow, vacuum, temp., and concentrations. Performed monthly alarm checks - all operational.
12/5/2006	System running at arrival, collected system readings: flow, vacuum, temp., and concentrations, drained vessel V-2 of water accumulated in flex hose between V-2 and V-4; breakthru concentration increased after water removal. Performed monthly alarm checks - all operational. Collected monthly
12/7/2006	System running at arrival, water was shut down at backflow valve due to leaking hose, replaced hose; collected system readings: flow, vacuum, temp., and concentrations.
12/8/2006	Carbon changeout in vessel V-3, V-2 is primary and V-4 is secondary; restarted system and collected system readings: flow, vacuum, temp. and concentrations; collected individual well data.
12/10/2006	On site to check on system after heavy rain; system running at arrival, collected system readings: flow, vacuum, temp., and concentrations.
12/11/2006	On site to check on system; system running at arrival, collected system readings: flow, vacuum, temp., and concentrations, changed oil and greased
12/13/2006	On site to check on system; system running at arrival, collected system readings: flow, vacuum, temp., and concentrations; backflow valve leak needs to be fixed.
12/15/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, PID and temp. Vacuumed 19.0 gallons of water from sumps at VEW-22A, VEW-22B, VEW-25A, VEW-25B, VEW-26A, VEW-26B, VEW-27, and VEW-28.
12/17/2006	On site to check on system after heavy rain; system running at arrival, collected system readings: flow, vacuum, temp., and concentrations.
12/18/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, PID and temp.
12/19/2006	System running at arrival, calibrated PID, collected system and individual well readings: flow, vacuum, PID and temp.
12/22/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, PID and temp.
12/26/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, PID and temp. Fixed leaking backflow valve inside compound area. Spoke with Bavco and technician will be onsite to fix on 12/29/06.
12/27/2006	System running at arrival, calibrated PID, collected system readings: flow, vacuum, PID and temp; rained on 12/26/06, no problem with storage tank. Vacuumed 17.5 gallons of water from sumps at VEW-22A, VEW-22B, VEW-25A, VEW-25B, VEW-26A, VEW-26B, VEW-27, and VEW-28.
12/29/2006	System running at arrival, Bavco technician onsite to check both leaking valves; will come back next week with proper parts, fixed canopy blown away by wind, fixed computer display; collected system readings: flow, vacuum, PID and temp.

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H <sub>2</sub> O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-29	3/2/2006	11:10	68.2	40.5	36.52	40	31.6	100%	
	3/10/2006	12:00	55.6	23.9	22.37	26	36.7	50%	
	3/16/2006	16:40	58.6	26.0	24.40	25	31.0	50%	
	3/23/2006	12:00	64.0	25.9	24.25	26	25.1	50%	
	3/31/2006	8:30	59.3	19.7	18.20	31	19.6	50%	
	4/5/2006	8:30	56.1	21.6	20.06	29	18.7	50%	
	4/12/2006	7:55	60.2	19.6	18.16	30	15.4	50%	
	4/19/2006	7:30	70.2	28.6	26.14	35	15.2	50%	
	4/26/2006	8:45	61.8	29.0	26.51	35	12.6	50%	
	5/3/2006	13:00	66.0	23.5	22.17	23	10.1	50%	
	5/11/2006	9:00	63.1	24.1	22.38	29	9.6	50%	
	5/19/2006	8:00	65.1	23.9	22.32	27	9.4	50%	
	5/24/2006	8:00	67.1	23.6	21.98	28	9.0	50%	
	6/1/2006	8:45	69.2	23.6	21.92	29	8.5	50%	
	6/7/2006	8:00	60.2	23.4	21.73	29	8.3	50%	
	6/14/2006	8:00	60.4	25.0	23.28	28	7.9	50%	
	6/23/2006	7:30	61.3	24.2	22.60	27	8.0	50%	
	6/28/2006	7:00	63.1	23.6	22.04	27	8.0	50%	
	7/3/2006	8:00	64.2	23.1	21.57	27	7.5	50%	
	7/13/2006	10:35	97.4	28.7	26.66	29	6.5	75%	
	7/21/2006	16:45	82.1	28.5	26.47	29	6.3	75%	
	8/16/2006	11:45	79.2	26.7	24.73	30	6.2	75%	
	8/23/2006	7:40	89.4	22.5	20.84	30	4.4	75%	
	8/29/2006	7:00	85.6	22.3	20.66	30	4.3	75%	
	9/9/2006	10:42	84.1	22.6	20.93	30	4.2	75%	
	9/13/2006	14:00	76.9	22.7	21.03	30	4.0	75%	
	9/22/2006	13:00	73.2	22.9	21.16	31	4.4	75%	
	9/28/2006	9:45	76.2	30.2	27.90	31	4.6	75%	
	10/2/2006	7:10	78.1	31.6	29.04	33	4.4	75%	
	10/9/2006	11:00	72.1	31.7	29.13	33	4.6	75%	
	10/20/2006	12:00	79.6	31.8	29.38	31	4.4	75%	
	10/27/2006	10:00	77.6	32.8	30.06	34	4.0	75%	
	11/2/2006	12:00	76.9	32.1	29.42	34	4.4	75%	Closed well after data collection
	11/17/2006	NM	NM	NM	NM	8	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	8	NM	0%	CLOSED
	11/27/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	7	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	7	NM	0%	CLOSED
VEW-14B	3/2/2006	11:18	67.6	44.9	40.49	40	48.6	100%	
	3/10/2006	12:07	55.9	24.3	22.75	26	28.6	50%	
	3/16/2006	16:47	57.9	24.6	23.03	26	27.1	50%	
	3/23/2006	12:07	64.2	24.4	22.84	26	23.1	50%	
	3/31/2006	8:40	59.6	23.4	21.79	28	24.4	50%	
	4/5/2006	8:35	56.3	37.6	34.92	29	22.6	50%	
	4/12/2006	8:05	61.4	33.9	31.40	30	21.7	50%	
	4/19/2006	7:40	71.4	44.7	40.86	35	19.7	50%	Moisture
	4/26/2006	8:50	61.7	44.8	40.95	35	11.5	50%	
	5/3/2006	13:04	65.7	29.6	28.00	22	7.3	50%	
	5/11/2006	9:08	63.8	30.7	28.51	29	7.3	50%	
	5/19/2006	8:07	65.7	30.6	28.50	28	7.0	50%	
	5/24/2006	8:06	69.6	31.0	28.87	28	7.1	50%	
	6/1/2006	8:51	69.3	29.9	27.84	28	7.0	50%	
	6/7/2006	8:07	60.5	29.7	27.66	28	6.6	50%	
	6/14/2006	8:06	60.6	31.1	28.89	29	6.6	50%	
	6/23/2006	7:37	61.4	29.6	27.64	27	6.5	50%	
	6/28/2006	7:07	63.6	29.6	27.71	26	5.1	50%	
	7/3/2006	8:07	64.1	29.7	27.73	27	4.9	50%	
	7/13/2006	10:41	97.0	28.1	26.10	29	4.0	75%	
	7/21/2006	16:50	82.7	28.6	26.56	29	3.5	75%	
	8/16/2006	11:51	79.6	26.9	24.98	29	3.1	75%	
	8/23/2006	7:47	89.8	29.8	27.60	30	3.3	75%	
	8/29/2006	7:07	85.9	29.1	26.96	30	3.0	75%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building I/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-14A	9/9/2006	10:49	84.7	30.1	27.81	31	2.8	75%	
	9/13/2006	14:06	76.6	29.8	27.60	30	2.6	75%	
	9/22/2006	13:07	73.6	31.2	28.90	30	2.1	75%	
	9/28/2006	9:52	76.4	32.6	30.20	30	2.3	75%	
	10/2/2006	7:17	78.6	33.1	30.50	32	2.1	75%	
	10/9/2006	11:07	72.3	33.6	30.88	33	2.3	100%	Data collected prior to opening well 100%.
	10/20/2006	12:07	79.6	33.1	30.58	31	2.5	100%	
	10/27/2006	10:08	77.9	34.1	31.34	33	2.4	100%	
	11/2/2006	12:07	76.8	34.4	31.36	36	2.8	100%	Closed well after data collection
	11/17/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/27/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
VEW-14A	3/2/2006	11:24	64.4	19.5	17.68	38	41.6	100%	
	3/10/2006	12:14	54.9	11.0	10.32	25	40.6	50%	
	3/16/2006	16:54	57.6	11.2	10.51	25	44.6	50%	
	3/23/2006	12:13	64.1	11.4	10.67	26	41.3	50%	
	3/31/2006	8:50	60.2	12.6	11.80	26	14.0	50%	
	4/5/2006	8:40	56.8	15.3	14.21	29	14.9	50%	
	4/12/2006	8:15	60.5	14.6	13.52	30	12.6	50%	
	4/19/2006	7:50	70.9	20.4	18.80	32	13.8	50%	Moisture
	4/26/2006	8:54	61.0	21.8	20.09	32	1.7	50%	
	5/3/2006	13:08	65.5	16.8	15.93	21	1.9	50%	
	5/11/2006	9:16	63.8	17.6	16.48	26	1.4	50%	
	5/19/2006	8:14	65.3	17.7	16.61	25	1.6	50%	
	5/24/2006	8:12	67.5	17.9	16.76	26	1.4	50%	
	6/1/2006	8:57	69.5	17.6	16.48	26	1.0	50%	
	6/7/2006	8:14	60.4	17.4	16.29	26	0.8	50%	
	6/14/2006	8:14	60.4	15.8	14.79	26	1.0	50%	
	6/23/2006	7:44	61.0	17.6	16.52	25	0.7	50%	
	6/28/2006	7:14	63.7	17.4	16.33	25	0.6	50%	
	7/3/2006	8:14	64.5	17.3	16.24	25	0.4	50%	
	7/13/2006	10:47	97.4	14.2	13.29	26	0.1	75%	
	7/21/2006	16:55	82.6	14.4	13.45	27	0.1	75%	
	8/16/2006	11:57	79.5	14.6	13.60	28	0.0	75%	
	8/23/2006	7:54	89.6	13.1	12.20	28	0.1	75%	
	8/29/2006	7:14	86.7	13.3	12.35	29	0.1	75%	
	9/9/2006	10:56	84.9	13.6	12.63	29	0.1	75%	
VEW-14A	9/13/2006	14:12	76.0	13.8	12.82	29	0.0	75%	
	9/22/2006	13:14	73.3	13.1	12.17	29	0.3	75%	
	9/28/2006	9:59	76.3	13.6	12.66	28	0.8	75%	
	10/2/2006	7:24	78.9	13.9	12.88	30	0.9	75%	
	10/9/2006	11:14	72.4	14.1	13.06	30	1.0	100%	Data collected prior to opening well 100%.
	10/20/2006	12:14	79.1	14.4	13.34	30	0.9	100%	
	10/27/2006	10:16	77.6	14.9	13.73	32	0.8	100%	
	11/2/2006	12:14	76.2	15.6	14.37	32	0.7	100%	Closed well after data collection
	11/17/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/27/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
VEW-14A	3/2/2006	11:30	65.6	18.4	16.68	38	26.1	100%	
	3/10/2006	12:20	55.3	11.3	10.61	25	14.6	50%	
	3/16/2006	17:01	57.7	11.6	10.89	25	15.0	50%	
	3/23/2006	12:20	63.8	11.5	10.79	25	10.6	50%	
	3/31/2006	9:00	60.3	14.3	13.25	30	29.6	50%	
	4/5/2006	8:45	56.7	17.3	16.07	29	28.6	50%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building I/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-13B	4/12/2006	8:25	61.2	15.2	14.08	30	25.2	50%	
	4/19/2006	8:00	70.8	24.9	22.76	35	24.6	50%	
	4/26/2006	8:58	61.3	24.8	22.67	35	1.4	50%	
	5/3/2006	13:12	67.4	8.82	8.37	21	1.0	50%	
	5/11/2006	9:24	63.3	9.31	8.67	28	0.9	50%	
	5/19/2006	8:22	65.4	9.25	8.66	26	0.8	50%	
	5/24/2006	8:18	67.4	9.1	8.52	26	0.7	50%	
	6/1/2006	9:03	69.7	9.2	8.59	27	0.5	50%	
	6/7/2006	8:30	60.0	9.0	8.38	28	0.4	50%	
	6/14/2006	8:20	60.1	9.6	8.92	29	0.4	50%	
	6/23/2006	7:51	61.5	8.7	8.14	26	0.4	50%	
	6/28/2006	7:21	63.4	9.1	8.50	27	0.5	50%	
	7/3/2006	8:21	64.4	9.0	8.43	26	0.5	50%	
	7/13/2006	10:53	97.6	14.4	13.41	28	0.2	75%	
	7/21/2006	17:00	82.5	14.3	13.32	28	0.2	75%	
	8/16/2006	12:03	79.8	14.7	13.69	28	0.2	75%	
	8/23/2006	8:01	90.3	14.0	12.97	30	0.2	75%	
	8/29/2006	7:21	86.4	14.3	13.28	29	0.3	75%	
	9/9/2006	11:03	84.4	14.7	13.65	29	0.2	75%	
	9/13/2006	14:18	76.3	14.4	13.34	30	0.3	75%	
	9/22/2006	13:21	73.2	14.8	13.71	30	0.6	75%	
	9/28/2006	10:06	76.1	15.2	14.08	30	0.7	75%	
	10/2/2006	7:31	78.3	16.0	14.78	31	0.8	75%	
	10/9/2006	11:21	72.5	16.7	15.43	31	0.8	75%	
	10/20/2006	12:21	79.8	16.8	15.52	31	0.7	75%	
	10/27/2006	10:24	77.0	16.9	15.57	32	0.7	75%	
	11/2/2006	12:21	76.4	16.7	15.39	32	0.7	75%	Closed well after data collection
	11/17/2006	NM	NM	NM	NM	13	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	13	NM	0%	CLOSED
	11/27/2006	NM	NM	NM	NM	15	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	8	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	13	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	13	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	12	NM	0%	CLOSED
VEW-13A	3/2/2006	11:35	67.4	16.2	14.57	41	16.1	100%	
	3/10/2006	12:27	55.6	8.4	7.84	27	8.6	50%	
	3/16/2006	17:08	57.0	9.2	8.59	27	9.1	50%	
	3/23/2006	12:27	63.9	9.0	8.40	27	6.3	50%	
	3/31/2006	9:10	59.9	13.8	12.78	30	14.7	50%	
	4/5/2006	8:50	56.4	14.8	13.71	30	13.9	50%	
	4/12/2006	8:35	60.9	12.8	11.86	30	10.9	50%	
	4/19/2006	8:10	71.0	26.8	24.43	36	12.2	50%	
	4/26/2006	9:02	61.4	27.1	24.70	36	14.7	50%	
	5/3/2006	13:16	67.4	10.3	9.69	24	11.6	50%	
	5/11/2006	9:32	63.4	11.0	10.19	30	11.2	50%	
	5/19/2006	8:30	65.5	11.8	11.02	27	11.0	50%	
	5/24/2006	8:25	67.2	11.9	11.11	27	10.9	50%	
	6/1/2006	9:10	69.0	12.1	11.30	27	10.0	50%	
	6/7/2006	8:37	60.6	12.0	11.15	29	9.1	50%	
	6/14/2006	8:27	60.8	11.8	10.96	29	9.0	50%	
	6/23/2006	7:58	61.9	12.1	11.24	29	8.6	50%	
	6/28/2006	7:28	63.7	12.6	11.76	27	9.0	50%	
	7/3/2006	8:28	64.6	12.7	11.86	27	8.7	50%	
	7/13/2006	11:00	97.5	11.3	10.47	30	8.6	75%	
	7/21/2006	17:05	82.3	11.4	10.56	30	8.7	75%	
	8/16/2006	12:09	79.8	10.6	9.82	30	8.6	75%	
	8/23/2006	8:08	90.7	11.8	10.93	30	6.7	75%	
	8/29/2006	7:28	86.6	12.1	11.21	30	6.4	75%	
	9/9/2006	11:10	84.6	12.1	11.21	30	6.3	75%	
	9/13/2006	14:24	76.6	12.3	11.39	30	6.4	75%	
	9/22/2006	13:28	73.9	12.6	11.67	30	6.7	75%	
	9/28/2006	10:13	76.5	12.1	11.21	30	6.8	75%	
	10/2/2006	7:38	78.4	14.2	13.05	33	7.2	75%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H <sub>2</sub> O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
	10/9/2006	11:28	72.6	14.4	13.23	33	7.6	75%	
	10/20/2006	12:28	79.8	14.2	13.05	33	7.5	75%	
	10/27/2006	10:32	77.8	14.4	13.20	34	7.0	75%	
	11/2/2006	12.28	76.6	14.5	13.32	33	7.7	75%	<b>Closed well after data collection</b>
	11/17/2006	NM	NM	NM	NM	14	NM	0%	<b>CLOSED</b>
	11/20/2006	NM	NM	NM	NM	14	NM	0%	<b>CLOSED</b>
	11/27/2006	NM	NM	NM	NM	16	NM	0%	<b>CLOSED</b>
	12/8/2006	NM	NM	NM	NM	15	NM	0%	<b>CLOSED</b>
	12/15/2006	NM	NM	NM	NM	15	NM	0%	<b>CLOSED</b>
	12/19/2006	NM	NM	NM	NM	16	NM	0%	<b>CLOSED</b>
	12/27/2006	NM	NM	NM	NM	14	NM	0%	<b>CLOSED</b>
VIEW-10A*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	<b>CLOSED</b>
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	<b>CLOSED</b>
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	<b>CLOSED</b>
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	<b>CLOSED</b>
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	<b>CLOSED</b>
	4/12/2006	NM	NM	NM	NM	10	NM	0%	<b>CLOSED</b>
	4/19/2006	8:20	71.4	30.4	28.01	32	28.3	25%	
	4/26/2006	9.06	61.7	30.8	28.38	32	2.4	25%	
	5/3/2006	13:20	67.5	8.05	7.63	21	2.0	25%	
	5/11/2006	9.40	63.2	9.01	8.43	26	1.4	25%	
	5/19/2006	8.37	65.1	9.11	8.6	25	1.7	25%	
	5/24/2006	8.31	67.8	9.20	8.6	25	1.5	25%	
	6/1/2006	9.16	69.3	9.4	8.8	26	1.4	25%	
	6/7/2006	8.43	60.3	9.2	8.6	25	1.3	25%	
	6/14/2006	8.33	60.3	9.8	9.2	26	1.0	25%	
	6/23/2006	8.05	61.7	9.5	8.9	25	1.8	25%	
	6/28/2006	7.35	63.8	9.0	8.4	25	1.0	25%	
	7/3/2006	8.35	64.5	8.6	8.1	25	0.9	25%	
	7/13/2006	11.07	97.0	8.3	7.8	26	0.4	25%	
	7/21/2006	17:10	82.9	8.6	8.0	27	0.4	25%	
	8/16/2006	12:15	79.7	8.7	8.1	28	0.3	25%	
	8/23/2006	8:15	90.1	7.5	7.0	27	0.4	25%	
	8/29/2006	7:35	86.0	7.7	7.2	28	0.3	25%	
	9/9/2006	11:17	84.6	7.9	7.4	28	0.3	25%	
	9/13/2006	14:30	76.3	7.7	7.2	28	0.6	25%	
	9/22/2006	13:35	73.4	7.8	7.2	29	0.9	25%	
	9/28/2006	10:20	76.7	7.6	7.1	28	1.1	25%	
	10/2/2006	7:45	78.9	8.1	7.5	30	1.0	25%	
	10/9/2006	11:35	72.5	8.3	7.7	30	1.1	100%	Data collected prior to opening well 100%.
	10/20/2006	12:35	79.2	8.5	7.9	30	1.3	100%	
	10/27/2006	10:40	77.7	8.7	8.0	31	1.1	100%	
	11/2/2006	12:35	76.3	8.1	7.5	32	1.0	100%	
	11/17/2006	13:30	76.0	11.6	10.5	37	0.2	100%	
	11/20/2006	16:15	70.1	11.6	10.5	38	0.2	100%	
	11/27/2006	15:50	71.2	12.9	11.6	40	0.3	100%	
	12/8/2006	13:15	76.0	13.1	11.7	42	0.2	100%	
	12/15/2006	6:30	67.2	13.3	11.9	43	0.3	100%	
	12/19/2006	13:30	73.9	13.4	12.0	44	0.2	100%	
	12/27/2006	13:40	74.1	13.0	11.6	45	0.2	100%	
EW-10B*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	<b>CLOSED</b>
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	<b>CLOSED</b>
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	<b>CLOSED</b>
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	<b>CLOSED</b>
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	<b>CLOSED</b>
	4/12/2006	NM	NM	NM	NM	6	NM	0%	<b>CLOSED</b>
	4/19/2006	8:30	71.2	28.6	26.49	30	26.8	25%	
	4/26/2006	9:10	61.5	26.7	24.60	32	155.0	25%	
	5/3/2006	13:24	67.6	10.9	10.39	19	120.2	25%	
	5/11/2006	9:48	63.7	11.6	10.92	24	116.9	25%	
	5/19/2006	8:44	65.6	11.6	10.97	22	110.8	25%	
	5/24/2006	8:37	67.9	11.8	11.13	23	112.8	25%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H <sub>2</sub> O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
>	6/1/2006	9:24	69.7	11.7	11.01	24	110.0	25%	
	6/7/2006	8:50	60.5	11.4	10.78	22	106.9	25%	
	6/14/2006	8:40	60.6	12.0	11.29	24	104.0	25%	
	6/23/2006	8:12	61.8	11.6	10.97	22	104.6	25%	
	6/28/2006	7:42	63.9	11.6	11.00	21	104.6	25%	
	7/3/2006	8:42	64.7	11.8	11.16	22	102.1	25%	
	7/13/2006	11:13	97.8	9.1	8.61	22	91.2	50%	
	7/21/2006	17:15	82.4	9.3	8.77	23	90.6	50%	
	8/11/2006	17:00	82.0	10.4	9.79	24	14.9	50%	
	8/16/2006	12:21	79.8	9.6	9.03	24	91.6	50%	
	8/23/2006	8:22	90.7	7.6	7.13	25	62.7	50%	
	8/29/2006	7:42	85.7	7.9	7.38	27	62.8	50%	
	9/9/2006	11:24	84.8	4.7	4.38	28	62.9	50%	
	9/13/2006	14:36	76.8	4.9	4.60	25	60.1	50%	
	9/22/2006	13:42	73.8	5.2	4.88	25	59.3	50%	
	9/28/2006	10:27	76.8	6.0	5.63	25	60.6	50%	
	10/2/2006	7:52	78.2	10.1	9.43	27	66.7	100%	
	10/9/2006	11:42	72.6	10.6	9.87	28	66.1	100%	
	10/20/2006	12:42	79.7	10.8	10.08	27	66.4	100%	
	10/27/2006	10:48	77.3	11.0	10.22	29	65.9	100%	
	11/2/2006	12:42	76.9	10.6	9.85	29	64.1	100%	
	11/17/2006	13:40	76.6	12.0	11.00	34	60.1	100%	
	11/20/2006	16:25	70.3	12.4	11.36	34	55.2	100%	
	11/27/2006	16:00	71.4	9.8	8.74	44	55.1	100%	
	12/8/2006	13:25	76.4	9.8	8.84	40	52.1	100%	
	12/15/2006	6:40	67.4	9.7	8.75	40	50.2	100%	
	12/19/2006	13:40	73.6	10.0	9.02	40	45.1	100%	
	12/27/2006	13:50	74.6	10.1	9.08	41	40.1	100%	
VIEW-19A*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	4/19/2006	8:40	71.0	19.7	19.02	14	27.5	25%	Moisture
	4/26/2006	9:14	61.4	19.7	19.02	14	1.9	25%	
	5/3/2006	13:28	65.1	7.15	6.80	20	1.8	25%	
	5/11/2006	9:56	63.8	7.9	7.40	24	1.9	25%	
	5/19/2006	8:51	65.7	2.76	2.69	10	1.7	5%	
	5/24/2006	8:43	67.4	2.5	2.44	10	1.6	25%	
	6/1/2006	9:30	69.4	2.1	2.05	10	1.5	25%	
	6/7/2006	8:57	60.3	2.0	1.94	12	1.2	5%	
	6/14/2006	8:46	60.3	2.1	2.04	12	0.8	5%	
	6/23/2006	8:19	61.2	2.2	2.14	12	1.1	5%	
	6/28/2006	7:49	63.4	2.1	2.03	13	1.3	5%	
	7/3/2006	8:49	64.3	2.0	1.94	13	1.1	5%	
	7/13/2006	11:19	97.7	4.6	4.33	24	1.0	25%	
	7/21/2006	17:20	82.6	4.4	4.13	25	1.1	25%	
	8/11/2006	17:05	81.9	14.8	13.89	25	0.0	25%	
	8/16/2006	12:27	79.8	4.8	4.51	25	1.0	25%	
	8/23/2006	8:29	90.3	4.1	3.84	26	1.6	25%	
	8/29/2006	7:49	85.9	4.3	4.03	26	1.7	25%	
	9/9/2006	11:31	84.1	7.6	7.10	27	1.6	25%	
	9/13/2006	14:42	76.0	4.4	4.12	26	1.4	25%	
	9/22/2006	13:49	73.3	7.5	7.02	26	1.8	25%	
	9/28/2006	10:34	76.6	7.7	7.21	26	1.6	25%	
	10/2/2006	7:59	78.8	7.9	7.38	27	1.4	25%	
	10/9/2006	11:49	72.8	8.1	7.54	28	1.8	100%	Data collected prior to opening well 100%.
	10/20/2006	12:49	79.0	8.3	7.73	28	1.9	100%	
	10/27/2006	10:56	77.6	8.8	8.15	30	1.6	100%	
	11/2/2006	12:49	76.7	8.1	7.50	30	1.7	100%	
	11/17/2006	13:50	76.4	9.3	8.50	35	1.2	100%	
	11/20/2006	16:35	70.6	9.5	8.66	36	1.1	100%	
	11/27/2006	16:10	71.3	10.8	9.77	39	1.0	100%	
	12/8/2006	13:35	76.7	10.8	9.74	40	0.6	100%	
	12/15/2006	6:50	67.5	11.3	10.22	39	0.4	100%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H <sub>2</sub> O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-19B*	12/19/2006	13:50	73.1	10.6	9.58	39	0.3	100%	
	12/27/2006	14:00	74.5	10.7	9.60	42	0.4	100%	
	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	12	NM	0%	CLOSED
	4/19/2006	8.50	71.4	42.1	38.58	34	29.4	25%	
	4/26/2006	9:18	61.3	41.7	38.22	34	150.0	25%	
	5/3/2006	13:32	65.4	8.8	8.32	22	110.2	25%	
	5/11/2006	10:03	63.9	8.9	8.29	28	106.9	25%	
	5/19/2006	8.58	65.4	8.6	8.05	26	110.8	25%	
	5/24/2006	8:49	67.5	8.7	8.17	25	105.8	25%	
	6/1/2006	9:36	69.6	8.8	8.26	25	103.6	25%	
	6/7/2006	9:04	60.2	8.6	8.03	27	101.9	25%	
	6/14/2006	8:53	60.3	8.4	7.82	28	101.1	25%	
	6/23/2006	8.26	61.3	8.7	8.14	26	99.8	25%	
	6/28/2006	7:56	63.5	8.5	7.96	26	98.1	25%	
	7/3/2006	8.56	64.8	8.3	7.75	27	97.2	25%	
	7/13/2006	11:25	97.6	9.5	8.96	23	90.6	50%	
	7/21/2006	17:25	82.6	9.4	8.87	23	86.7	50%	
	8/11/2006	17:10	82.9	9.9	9.17	28	8.3	100%	
	8/16/2006	12:33	79.7	9.8	9.25	23	83.6	100%	
	8/23/2006	8:36	90.8	7.5	6.97	29	56.9	100%	
	8/29/2006	7:56	86.3	7.4	6.93	26	54.6	100%	
	9/9/2006	11:38	84.3	13.6	12.70	27	53.0	100%	
	9/13/2006	14:48	76.4	13.8	12.78	30	54.8	100%	
	9/22/2006	13:56	73.6	13.9	12.88	30	55.8	100%	
	9/28/2006	10:41	76.9	14.3	13.28	29	54.1	100%	
	10/2/2006	8:06	78.5	14.9	13.77	31	55.2	100%	collected sample for laboratory analysis
	10/9/2006	11:56	72.4	14.6	13.49	31	56.1	100%	
	10/20/2006	12:56	79.3	14.8	13.67	31	57.6	100%	
	10/27/2006	11:04	77.4	14.9	13.69	33	57.4	100%	
	11/2/2006	12:56	76.5	14.5	13.32	33	57.6	100%	
	11/17/2006	14:00	76.2	10.4	9.43	38	51.3	100%	
	11/20/2006	16:45	70.9	10.2	9.25	38	49.2	100%	
	11/27/2006	16:20	71.6	18.6	16.64	43	46.9	100%	
	12/8/2006	13:45	76.5	19.6	17.48	44	44.2	100%	
	12/15/2006	7:00	67.9	19.7	17.57	44	40.1	100%	
	12/19/2006	14:00	73.3	20.0	17.84	44	38.0	100%	
	12/27/2006	14:10	74.1	21.1	18.72	46	38.6	100%	
VEW-12	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	11	NM	0%	CLOSED
	4/19/2006	NM	NM	NM	NM	14	NM	0%	CLOSED
	4/26/2006	NM	NM	NM	NM	14	NM	0%	CLOSED
	5/3/2006	NM	NM	NM	NM	8	NM	0%	CLOSED
	5/11/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	5/19/2006	9:05	NM	NM	NM	14	NM	0%	CLOSED
	5/24/2006	NM	NM	NM	NM	13	NM	0%	CLOSED
	6/1/2006	NM	NM	NM	NM	12	NM	0%	CLOSED
	6/7/2006	NM	NM	NM	NM	14	NM	0%	CLOSED
	6/14/2006	NM	NM	NM	NM	15	NM	0%	CLOSED
	6/23/2006	NM	NM	NM	NM	14	NM	0%	CLOSED
	6/28/2006	8:03	NM	NM	NM	14	NM	0%	CLOSED
	7/3/2006	NM	NM	NM	NM	14	NM	0%	CLOSED
	7/13/2006	12:00	97.7	16.4	15.2	30	21.1	75%	
	7/21/2006	17:30	82.7	16.2	15.0	30	20.1	75%	
	8/16/2006	12:39	79.8	16.3	15.1	30	19.1	75%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building I/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-06	8/23/2006	8:43	90.9	14.1	13.0	31	14.9	75%	
	8/29/2006	8:03	86.7	13.8	12.7	31	14.1	75%	
	9/9/2006	11:45	84.7	14.1	13.0	31	13.6	75%	
	9/13/2006	14:54	76.5	15.0	13.9	31	13.9	75%	
	9/22/2006	14:03	73.5	15.9	14.7	31	14.8	75%	
	9/28/2006	10:48	76.3	16.3	15.1	31	14.6	75%	
	10/2/2006	8:14	78.9	17.2	15.8	33	14.9	75%	
	10/9/2006	12:04	72.8	17.0	15.6	33	14.6	75%	
	10/20/2006	13:03	79.6	17.4	16.0	33	14.3	75%	
	10/27/2006	11:12	77.1	17.9	16.4	35	14.8	75%	
	11/2/2006	13:03	76.2	16.1	14.7	35	14.4	75%	
	11/17/2006	14:10	76.3	17.5	15.8	40	14.4	75%	
	11/20/2006	16:55	70.4	17.6	15.8	41	14.0	75%	
	11/27/2006	16:30	71.4	39.6	35.2	45	14.0	75%	
	12/8/2006	13:55	76.9	40.1	35.6	46	12.1	75%	
	12/15/2006	7:10	67.1	40.3	35.7	46	10.2	75%	
	12/19/2006	14:10	73.6	41.6	37.0	45	9.0	75%	
	12/27/2006	14:20	74.4	41.4	36.6	47	6.9	75%	
	3/2/2006	11:40	73.6	46.5	41.93	40	4.9	100%	
	3/10/2006	12:36	55.9	26.4	24.78	25	6.7	50%	
	3/16/2006	17:18	57.0	27.1	25.50	24	6.9	50%	
	3/31/2006	9:20	60.2	29.8	27.60	30	17.2	50%	
	4/5/2006	8:55	56.3	30.1	27.96	29	17.4	50%	
	4/12/2006	8:45	60.8	25.6	23.71	30	15.3	50%	
	4/19/2006	9:00	71.3	31.7	28.98	35	15.3	50%	
	4/26/2006	9:22	61.2	31.8	29.07	35	6.2	50%	
	5/3/2006	13:46	65.7	29.6	28.00	22	5.1	50%	
	5/11/2006	10:10	63.3	30.9	28.78	28	4.9	50%	
	5/19/2006	9:12	65.5	30.8	28.76	27	4.5	50%	
	5/24/2006	8:55	67.0	30.7	28.59	28	4.3	50%	
	6/1/2006	9:42	69.7	31.0	28.79	29	4.0	50%	
	6/7/2006	9:10	60.6	29.6	27.56	28	3.6	50%	
	6/14/2006	9:00	60.6	29.0	27.01	28	3.1	50%	
	6/23/2006	8:33	61.4	29.7	27.73	27	3.1	50%	
	6/28/2006	8:10	63.8	23.8	22.22	27	3.0	50%	
	7/3/2006	9:03	64.9	24.2	22.60	27	2.8	50%	
	7/13/2006	12:06	97.5	33.3	31.09	27	2.1	75%	
	7/21/2006	17:35	82.5	33.6	31.37	27	2.0	75%	
	8/16/2006	12:45	79.5	33.8	31.56	27	1.5	75%	
	8/23/2006	8:50	90.8	32.3	29.92	30	2.1	75%	
	8/29/2006	8:10	86.3	32.4	30.01	30	2.0	75%	
	9/9/2006	11:52	84.2	33.6	31.12	30	1.6	75%	
	9/13/2006	15:00	76.9	33.3	30.93	29	1.3	75%	
	9/22/2006	14:10	73.7	33.9	31.40	30	1.8	75%	
	9/28/2006	10:55	76.4	36.8	34.18	29	2.0	75%	
	10/2/2006	8:21	78.4	37.9	35.01	31	2.2	75%	
	10/9/2006	12:11	72.3	38.1	35.11	32	2.2	75%	
	10/20/2006	13:10	79.9	38.4	35.48	31	2.0	75%	
	10/27/2006	11:20	77.9	39.0	35.74	34	2.2	75%	
	11/2/2006	13:10	76.9	36.8	33.73	34	2.0	75%	
	11/17/2006	14:20	76.4	38.0	34.36	39	1.6	75%	
	11/20/2006	17:05	70.8	38.9	35.08	40	1.5	75%	
	11/27/2006	16:40	71.6	36.6	32.74	43	1.8	75%	
	12/8/2006	14:05	76.2	37.8	33.72	44	1.4	75%	
	12/15/2006	7:20	67.5	37.1	33.00	45	1.0	75%	
	12/19/2006	14:20	73.7	37.9	33.62	46	0.9	75%	
	12/27/2006	14:30	74.8	37.8	33.53	46	0.7	75%	
	3/2/2006	NM	NM	NM	NM	NM	0%	CLOSED	
	3/10/2006	NM	NM	NM	NM	NM	0%	CLOSED	
	3/16/2006	NM	NM	NM	NM	NM	0%	CLOSED	
	3/23/2006	NM	NM	NM	NM	NM	0%	CLOSED	
	4/5/2006	NM	NM	NM	NM	NM	0%	CLOSED	
	4/12/2006	NM	NM	NM	NM	11	NM	0%	CLOSED
	4/19/2006	9:10	71.2	28.6	26.63	28	19.7	25%	
	4/26/2006	9:26	61.3	27.1	25.24	28	3.2	25%	
	5/3/2006	13:50	66.7	4.3	4.04	25	3.0	25%	

4A\*

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building I/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VFW-2	5/11/2006	10:11	63.7	5.0	4.61	32	2.5	25%	
	5/19/2006	9:20	65.4	5.7	5.28	30	2.3	25%	
	5/24/2006	9:01	67.3	5.5	5.08	31	2.2	25%	
	6/1/2006	9:48	69.8	5.4	4.99	31	2.1	25%	
	6/7/2006	9:16	60.7	5.5	5.09	30	2.0	25%	
	6/14/2006	9:05	60.6	5.8	5.39	29	2.0	25%	
	6/23/2006	8:40	61.3	5.3	4.91	30	1.5	25%	
	6/28/2006	9:30	63.9	5.4	5.00	30	1.5	25%	
	7/3/2006	9:10	64.6	5.3	4.91	30	1.2	25%	
	7/13/2006	12:13	97.4	6.6	6.08	32	0.8	25%	
	7/21/2006	17:40	82.3	6.5	5.99	32	0.7	25%	
	8/16/2006	12:51	79.4	6.7	6.17	32	0.6	25%	
	8/23/2006	8:57	90.7	4.9	4.49	34	0.6	25%	
	8/29/2006	8:17	86.1	4.7	4.32	33	0.4	25%	
	9/9/2006	11:59	84.8	4.8	4.40	34	0.3	25%	
	9/13/2006	15:06	76.4	4.9	4.50	33	0.6	25%	
	9/22/2006	14:17	73.0	5.2	4.75	35	0.5	25%	
	9/28/2006	11:02	76.2	5.6	5.13	34	0.7	25%	
	10/2/2006	8:28	78.9	6.0	5.48	35	0.8	25%	
	10/9/2006	12:18	72.4	6.3	5.74	36	0.7	100%	Data collected prior to opening well 100%.
	10/20/2006	13:17	79.1	6.8	6.23	34	0.7	100%	
	10/27/2006	11:28	77.4	7.4	6.75	36	0.6	100%	
	11/2/2006	13:17	76.1	7.7	7.02	36	0.7	100%	
	11/17/2006	14:30	76.9	13.3	11.90	43	0.1	100%	
	11/20/2006	17:05	70.1	13.6	12.16	43	0.2	100%	
	11/27/2006	16:50	71.9	13.4	11.92	45	0.1	100%	
	12/8/2006	14:15	76.4	13.0	11.47	48	0.2	100%	
	12/15/2006	7:30	67.8	13.2	11.64	48	0.3	100%	
	12/19/2006	14:30	73.4	13.8	12.27	45	0.4	100%	
	12/27/2006	14:40	74.7	14.2	12.42	51	0.5	100%	
VFW-2B*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	4/19/2006	9:20	71.4	25.5	23.31	35	22.6	25%	
	4/26/2006	9:30	61.7	25.1	22.94	35	1203.0	25%	Moisture
	5/3/2006	13:54	66.7	5.0	4.69	25	1148.0	25%	
	5/11/2006	10:25	63.6	5.5	5.09	30	1167.3	25%	
	5/19/2006	9:27	65.1	5.6	5.20	29	1,159.6	25%	
	5/24/2006	9:07	67.7	5.8	5.39	29	1,161.2	25%	
	6/1/2006	9:54	69.4	5.7	5.28	30	1,160.2	25%	
	6/7/2006	9:23	60.4	5.2	4.83	29	1,159.2	25%	
	6/14/2006	9:12	60.5	4.9	4.56	28	1,112.0	25%	
	6/23/2006	8:47	61.5	5.0	4.64	29	1,146.2	25%	
	6/28/2006	9:37	63.6	5.3	4.92	29	1,141.2	25%	
	7/3/2006	9:17	64.3	5.1	4.74	29	1,136.9	25%	
	7/13/2006	12:19	97.0	5.9	5.47	30	1,116.9	50%	
	7/21/2006	17:45	82.4	5.8	5.37	30	1,107.6	50%	
	8/11/2006	NM	NM	NM	NM	NM	NM	100%	
	8/16/2006	12:57	79.3	5.8	5.37	30	1,091.6	100%	
	8/23/2006	9:04	90.9	5.4	4.98	32	1,920.6	100%	
	8/29/2006	8:24	86.4	5.5	5.07	32	1,910.7	100%	
	9/9/2006	12:06	84.6	5.6	5.16	32	1,907.1	100%	
	9/13/2006	15:12	76.3	5.5	5.08	31	1,816.1	100%	
	9/22/2006	14:24	73.8	5.0	4.62	31	1,801.1	100%	
	9/28/2006	11:09	76.9	5.5	5.08	31	1,812.1	100%	
	10/2/2006	8:35	78.3	5.7	5.22	34	1,716.1	100%	
	10/9/2006	12:25	72.6	5.7	5.22	34	1,701.1	100%	
	10/20/2006	13:24	79.4	5.9	5.42	33	1,721.1	100%	
	10/27/2006	11:36	77.9	6.3	5.77	34	1,701.6	100%	
	11/2/2006	13:24	76.8	6.7	6.14	34	1,671.1	100%	
	11/17/2006	14:40	76.5	4.8	4.33	40	1,611.0	100%	

collected sample for laboratory analysis

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building I/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-23B*	11/20/2006	17:25	70.8	4.9	4.42	40	1,591.2	100%	
	11/27/2006	17:00	71.0	4.8	4.28	44	1,510.1	100%	
	12/8/2006	14:25	76.7	5.1	4.54	45	1,502.1	100%	
	12/15/2006	7:40	67.9	5.5	4.88	46	1,411.6	100%	
	12/19/2006	14:40	73.6	5.9	5.19	49	1,398.6	100%	
	12/27/2006	14:50	74.9	6.6	5.82	48	1,316.1	100%	
VEW-23A*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	12	NM	0%	CLOSED
	4/19/2006	9:30	71.6	33.7	30.56	38	26.8	25%	Moisture
	4/26/2006	9:34	61.8	33.8	30.65	38	440.0	25%	
	5/3/2006	13:55	66.9	4.42	4.14	26	349.2	25%	
	5/11/2006	10:32	63.5	4.97	4.59	31	361.1	25%	
	5/19/2006	9:35	65.8	5.1	4.72	30	360.2	25%	
	5/24/2006	9:13	67.8	5.5	5.09	30	355.6	25%	
	6/1/2006	10:00	69.5	5.3	4.91	30	361.2	25%	
	6/7/2006	9:30	60.8	5.1	4.72	30	359.0	25%	
	6/14/2006	9:19	60.8	5.6	5.19	30	351.0	25%	
	6/23/2006	8:54	61.0	5.6	5.19	30	362.1	25%	
	6/28/2006	9:44	63.5	23.9	22.14	30	341.3	25%	
	7/3/2006	9:24	64.4	23.6	21.80	31	339.6	25%	
	7/13/2006	12:25	97.6	3.6	3.33	31	326.9	50%	
	7/21/2006	17:50	82.1	3.7	3.41	32	321.6	50%	
	8/16/2006	13:03	79.8	3.6	3.32	32	319.6	50%	
	8/23/2006	9:11	90.3	4.4	4.04	33	269.9	50%	
	8/29/2006	8:31	85.9	4.6	4.23	33	260.7	50%	
	9/9/2006	12:13	84.1	4.9	4.50	33	256.8	50%	
	9/13/2006	15:18	76.2	4.7	4.33	32	269.1	50%	
	9/22/2006	14:31	73.3	4.1	3.77	33	276.9	50%	
	9/28/2006	11:16	76.5	4.2	3.86	33	268.1	50%	
VEW-23B*	10/2/2006	10:00	78.1	4.8	4.40	34	271.6	50%	collected sample for laboratory analysis
	10/9/2006	12:32	72.9	4.6	4.20	35	270.7	100%	Data collected prior to opening well 100%.
	10/20/2006	13:31	79.7	4.8	4.40	34	276.0	100%	
	10/27/2006	11:44	77.6	5.1	4.66	35	278.1	100%	
	11/2/2006	13:31	76.4	5.5	5.03	35	269.7	100%	
	11/17/2006	14:50	76.8	4.4	3.95	42	261.2	100%	
	11/20/2006	17:35	70.6	4.4	3.95	42	241.2	100%	
	11/27/2006	17:10	71.4	4.9	4.36	45	242.1	100%	
	12/8/2006	14:35	76.8	4.6	4.08	46	239.6	100%	
	12/15/2006	7:50	67.3	4.8	4.23	48	229.7	100%	
	12/19/2006	14:50	73.2	4.6	4.08	46	221.1	100%	
	12/27/2006	15:00	74.5	5.1	4.49	49	201.3	100%	
VEW-23A*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	11	NM	0%	CLOSED
	4/19/2006	9:40	71.5	31.6	29.12	32	28.7	25%	
	4/26/2006	9:38	61.9	31.9	29.39	32	25.3	25%	
	5/3/2006	14:02	66.3	21.7	20.58	21	18.6	25%	
	5/11/2006	10:39	63.7	23.1	21.57	27	18.0	25%	
	5/19/2006	9:42	65.6	23.7	22.19	26	18.3	25%	
	5/23/2006	9:19	67.4	23.4	21.85	27	18.0	25%	
	6/1/2006	10:06	69.6	23.9	22.26	28	17.5	25%	
	6/7/2006	9:36	60.9	23.6	22.09	26	18.6	25%	
	6/14/2006	9:25	60.7	22.8	21.34	26	15.7	25%	
	6/23/2006	9:01	61.3	23.9	22.37	26	18.0	25%	
	6/28/2006	9:51	63.3	9.8	9.17	26	17.8	25%	
	7/3/2006	9:31	64.3	9.6	9.01	25	17.2	25%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
	7/13/2006	12:31	97.0	27.6	25.63	29	16.1	50%	
	7/21/2006	17:55	82.3	27.0	25.01	30	15.9	50%	
	8/16/2006	13:09	79.8	27.6	25.57	30	14.6	50%	
	8/23/2006	9:18	90.7	25.1	23.25	30	29.6	50%	
	8/29/2006	8:38	85.7	25.5	23.56	31	26.7	50%	
	9/9/2006	12:20	84.7	26.1	24.11	31	24.6	50%	
	9/13/2006	15:24	76.9	26.6	24.64	30	26.7	50%	
	9/22/2006	14:38	73.5	27.1	25.10	30	27.6	50%	
	9/28/2006	11:23	76.8	26.9	24.92	30	28.6	50%	
	10/2/2006	10:07	78.9	27.8	25.68	31	26.8	50%	
	10/9/2006	12:39	72.9	28.1	25.75	34	26.1	100%	Data collected prior to opening well 100%.
	10/20/2006	13:38	79.5	28.6	26.42	31	26.8	100%	
	10/27/2006	11:52	77.7	29.4	26.95	34	27.1	100%	
	11/2/2006	13:38	76.6	28.4	25.96	35	28.1	100%	
	11/17/2006	15:00	76.4	32.0	28.94	39	20.2	100%	
	11/20/2006	17:45	70.0	32.6	29.48	39	20.0	100%	
	11/27/2006	17:20	71.6	32.9	29.43	43	19.0	100%	
	12/8/2006	14:45	76.3	33.8	30.15	44	16.9	100%	
	12/15/2006	8:00	67.7	33.8	30.06	45	16.4	100%	
	12/19/2006	15:00	73.8	34.0	29.99	48	16.0	100%	
	12/27/2006	15:10	74.3	34.4	30.60	45	14.2	100%	
VEW-21A*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	6	NM	0%	CLOSED
	4/19/2006	9:50	71.4	30.9	28.47	32	23.7	25%	Moisture
	4/26/2006	9:42	61.7	30.8	28.38	32	20.6	25%	
	5/3/2006	14:06	66.3	8.9	8.40	21	16.7	25%	
	5/11/2006	10:46	62.9	9.9	9.28	26	16.9	25%	
	5/19/2006	9:49	65.5	10.1	9.48	25	16.7	25%	
	5/24/2006	9:25	67.5	10.9	10.23	25	16.4	25%	
	6/1/2006	10:12	69.3	10.8	10.14	25	16.3	25%	
	6/7/2006	9:43	60.7	9.6	8.99	26	16.0	25%	
	6/14/2006	9:31	60.7	10.1	9.43	27	14.8	25%	
	6/23/2006	9:08	61.8	9.4	8.82	25	14.9	25%	
	6/28/2006	9:58	63.5	7.7	7.23	25	15.1	25%	
	7/3/2006	9:38	64.3	7.4	6.93	26	15.0	25%	
	7/13/2006	12:38	97.4	9.0	8.40	27	14.2	50%	
	7/21/2006	18:00	82.1	9.2	8.59	27	14.6	50%	
	8/16/2006	13:15	79.4	9.6	8.96	27	14.0	50%	
	8/23/2006	9:25	90.0	8.5	7.92	28	18.6	50%	
	8/29/2006	8:45	86.3	8.7	8.10	28	18.7	50%	
	9/9/2006	12:27	84.6	8.7	8.08	29	18.8	50%	
	9/13/2006	15:30	76.6	8.8	8.17	29	16.8	50%	
	9/22/2006	14:45	73.8	9.3	8.64	29	17.8	50%	
	9/28/2006	11:30	76.7	9.6	8.92	29	17.1	50%	
	10/2/2006	10:14	78.7	10.0	9.26	30	19.6	100%	
	10/9/2006	12:46	72.8	10.6	9.82	30	19.0	100%	
	10/20/2006	13:45	79.3	10.6	9.85	29	19.1	100%	
	10/27/2006	12:00	77.3	10.9	10.07	31	19.9	100%	
	11/2/2006	13:45	76.3	11.6	10.69	32	14.7	100%	
	11/17/2006	15:10	76.1	10.2	9.27	37	19.6	100%	
	11/20/2006	17:55	70.2	11.0	10.00	37	19.5	100%	
	11/27/2006	17:30	71.8	11.6	10.43	41	19.0	100%	
	12/8/2006	14:55	76.5	11.8	10.58	42	12.6	100%	
	12/15/2006	8:10	67.4	11.7	10.49	42	12.0	100%	
	12/19/2006	15:10	73.1	11.8	10.50	45	10.8	100%	
	12/27/2006	15:20	74.1	12.8	11.42	44	9.1	100%	
	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VIEW-2IB*	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	4/19/2006	10.00	71.6	26.6	24.31	35	28.6	25%	
	4/26/2006	9.46	61.2	24.8	22.85	32	170.0	25%	
	5/3/2006	14:10	66.9	6.65	6.26	24	140.9	25%	
	5/11/2006	10.54	63.3	7.67	7.12	29	151.2	25%	
	5/19/2006	9.57	65.7	7.5	7.01	28	148.2	25%	
	5/24/2006	9.31	67.7	8.0	7.43	29	144.8	25%	
	6/1/2006	10:18	69.4	8.3	7.69	30	143.8	25%	
	6/7/2006	9.49	60.6	7.8	7.24	29	141.2	25%	
	6/14/2006	9.39	60.6	8.3	7.69	30	132.0	25%	
	6/23/2006	9:15	61.6	7.8	7.24	29	139.8	25%	
	6/28/2006	10:05	63.1	21.0	19.66	26	131.2	25%	
	7/3/2006	9:45	64.2	21.8	20.41	26	129.6	25%	
	7/13/2006	12:45	97.5	6.4	5.93	30	121.1	50%	
	7/21/2006	18:05	82.6	6.3	5.84	30	120.8	50%	
	8/16/2006	13:21	79.8	6.6	6.10	31	119.6	50%	
	8/23/2006	9:32	90.7	6.1	5.64	31	336.1	50%	
	8/29/2006	8:52	86.1	6.3	5.82	31	346.1	50%	
	9/9/2006	12:34	84.7	6.8	6.28	31	341.6	50%	
	9/13/2006	15:36	76.8	6.5	6.01	31	341.8	50%	
	9/22/2006	14:52	73.4	6.8	6.28	31	362.8	50%	
	9/28/2006	11:37	76.0	7.2	6.65	31	359.6	50%	
	10/2/2006	10:21	78.6	21.4	19.67	33	386.7	100%	
	10/9/2006	12:53	72.4	21.4	19.67	33	371.1	100%	
	10/20/2006	13:52	79.0	21.6	19.96	31	376.6	100%	
	10/27/2006	12:08	77.4	22.0	20.16	34	371.1	100%	
	11/2/2006	13:52	76.8	23.1	21.17	34	320.1	100%	
	11/17/2006	15:20	76.6	9.4	8.48	40	361.2	100%	
	11/20/2006	18:05	70.9	9.2	8.30	40	358.2	100%	
	11/27/2006	17:40	71.4	9.8	8.77	43	316.1	100%	
	12/8/2006	15:05	76.4	9.6	8.56	44	301.6	100%	
	12/15/2006	8:20	67.0	9.4	8.36	45	291.2	100%	
	12/19/2006	15:20	73.6	9.0	8.01	45	286.1	100%	
	12/27/2006	15:30	74.8	10.2	9.02	47	268.2	100%	
VIEW-09*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	4/19/2006	10:10	71.5	41.1	37.47	36	29.3	25%	
	4/26/2006	9:50	61.3	40.6	37.01	36	58.6	25%	
	5/3/2006	14:14	66.1	19.1	17.93	25	46.9	25%	
	5/11/2006	11:02	63.7	20.9	19.31	31	47.1	25%	
	5/19/2006	10:05	65.7	20.8	19.27	30	46.1	25%	
	5/24/2006	9:37	67.4	20.9	19.36	30	47.1	25%	
	6/1/2006	10:24	69.5	21.2	19.64	30	40.8	25%	
	6/7/2006	9:56	60.2	20.6	19.08	30	39.6	25%	
	6/14/2006	9:45	60.3	20.1	18.67	29	34.0	25%	
	6/23/2006	9:22	61.7	20.8	19.27	30	31.1	25%	
	6/28/2006	10:12	63.8	25.9	24.06	29	36.8	25%	
	7/3/2006	9:52	64.5	25.6	23.78	29	37.1	25%	
	7/13/2006	12:52	97.6	23.6	21.80	31	31.7	100%	
	7/21/2006	18:10	82.1	23.8	21.99	31	32.6	100%	
	8/16/2006	13:27	79.6	23.7	21.90	31	30.6	100%	
	8/23/2006	9:39	90.6	22.9	20.99	34	35.6	100%	
	8/29/2006	8:59	86.0	22.8	20.95	33	36.7	100%	
	9/9/2006	12:41	84.6	22.6	20.77	33	37.1	100%	
	9/13/2006	15:42	76.0	26.6	24.44	33	38.3	100%	
	9/22/2006	14:59	73.1	27.1	24.84	34	40.2	100%	
	9/28/2006	11:44	76.1	28.6	26.21	34	44.2	100%	
	10/2/2006	10:28	78.4	30.2	27.60	35	45.6	100%	
	10/9/2006	13:00	72.6	30.6	27.97	35	45.0	100%	
	10/20/2006	13:59	79.8	30.8	28.23	34	46.2	100%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acfim)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
	10/27/2006	12:16	77.9	31.4	28.62	36	48.1	100%	
	11/2/2006	13:59	76.3	31.0	28.34	35	49.2	100%	
	11/17/2006	15:30	76.4	27.6	24.69	43	44.6	100%	
	11/20/2006	18:15	70.6	27.8	24.80	44	44.1	100%	
	11/27/2006	17:50	71.7	27.8	24.66	46	40.7	100%	
	12/8/2006	15:15	76.0	27.9	24.68	47	39.1	100%	
	12/15/2006	8:30	67.3	28.7	25.25	49	36.1	100%	
	12/19/2006	15:30	73.5	28.8	25.26	50	37.1	100%	
	12/27/2006	15:40	74.6	27.8	24.39	50	30.2	100%	
VEW-07*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	8	NM	0%	CLOSED
	4/19/2006	10:20	71.4	29.7	27.44	31	24.3	25%	
	4/26/2006	9:54	61.2	27.1	25.04	31	15.9	25%	
	5/3/2006	14:18	66.2	24.0	22.82	20	11.9	25%	
	5/11/2006	11:09	63.3	25.1	23.56	25	11.4	25%	
	5/19/2006	10:13	65.2	25.5	23.93	25	10.9	25%	
	5/24/2006	9:43	67.8	25.9	24.25	26	10.5	25%	
	6/1/2006	10:30	69.2	25.6	24.03	25	9.8	25%	
	6/7/2006	10:03	60.0	25.6	24.03	25	9.7	25%	
	6/14/2006	9:52	60.1	25.0	23.40	26	8.1	25%	
	6/23/2006	9:29	61.9	25.0	23.47	25	9.0	25%	
	6/28/2006	10:19	63.7	33.8	31.31	30	8.1	25%	
	7/3/2006	9:59	64.6	33.0	30.57	30	8.2	25%	
	7/13/2006	12:59	97.2	44.0	40.87	29	7.6	50%	
	7/21/2006	18:15	82.9	44.1	40.85	30	7.0	50%	
	8/16/2006	13:33	79.3	46.1	42.70	30	6.5	50%	
	8/23/2006	9:46	91.0	35.7	33.07	30	11.3	50%	
	8/29/2006	9:06	86.4	35.9	33.26	30	11.0	50%	
	9/9/2006	12:48	84.2	36.1	33.44	30	11.7	50%	
	9/13/2006	15:48	76.4	36.7	34.00	30	11.9	50%	
	9/22/2006	15:06	73.8	36.1	33.44	30	12.6	50%	
	9/28/2006	11:51	76.8	37.6	34.83	30	12.8	50%	
	10/2/2006	10:35	78.4	38.8	35.66	33	13.0	50%	
	10/9/2006	13:07	72.4	38.9	35.65	34	13.2	100%	Data collected prior to opening well 100%.
	10/20/2006	14:06	79.6	39.6	36.49	32	13.1	100%	
	10/27/2006	12:24	77.6	40.1	36.75	34	7.9	100%	
	11/2/2006	14:06	76.8	40.6	37.21	34	7.6	100%	
	11/17/2006	15:40	76.9	39.8	35.89	40	6.1	100%	
	11/20/2006	18:25	70.8	38.3	34.54	40	5.5	100%	
	11/27/2006	18:00	71.5	41.2	36.75	44	5.2	100%	
	12/8/2006	15:25	76.7	42.8	38.07	45	4.9	100%	
	12/15/2006	8:40	67.8	42.1	37.45	45	4.4	100%	
	12/19/2006	15:40	73.9	42.8	38.07	45	4.0	100%	
	12/27/2006	15:50	74.7	43.2	38.21	47	2.9	100%	
	3/2/2006	11:50	71.6	57.5	51.85	40	10.2	100%	
	3/10/2006	12:50	56.6	85.6	79.29	30	6.2	50%	
	3/16/2006	17:28	57.0	86.1	79.76	30	7.6	50%	
	3/23/2006	12:41	63.9	88.3	81.58	31	7.0	50%	
	3/31/2006	9:30	60.2	23.7	21.84	32	16.8	50%	
	4/5/2006	9:00	56.7	56.7	52.10	33	15.4	50%	Moisture
	4/12/2006	8:55	61.3	53.7	49.88	29	12.9	50%	
	4/19/2006	10:30	71.3	46.2	41.66	40	13.7	50%	
	4/26/2006	9:58	61.3	47.6	42.92	40	4.6	50%	
	5/3/2006	14:22	66.1	34.3	32.11	26	4.8	50%	
	5/11/2006	11:17	63.6	36.0	33.08	33	4.2	50%	
	5/19/2006	10:21	65.3	34.4	31.87	30	4.0	50%	
	5/24/2006	9:49	67.5	34.6	31.97	31	3.8	50%	
	6/1/2006	10:36	69.1	34.8	32.07	32	3.4	50%	
	6/7/2006	10:09	60.5	33.6	30.96	32	3.2	50%	
	6/14/2006	9:59	60.5	34.2	31.60	31	2.8	50%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VIEW-25A	6/23/2006	9:36	61.5	33.8	31.23	31	3.0	50%	
	6/28/2006	10:26	63.7	10.7	9.91	30	3.0	50%	
	7/3/2006	10:06	64.9	10.8	10.00	30	3.2	50%	
	7/13/2006	13:06	97.6	38.2	35.10	33	3.0	75%	
	7/21/2006	18:20	82.7	38.2	35.10	33	3.1	75%	
	8/16/2006	13:39	79.8	38.6	35.47	33	3.0	75%	
	8/23/2006	9:53	90.6	31.4	28.70	35	8.6	75%	
	8/29/2006	9:13	85.8	31.0	28.34	35	8.7	75%	
	9/9/2006	12:55	84.8	31.1	28.50	34	8.8	75%	
	9/13/2006	15:54	76.1	30.1	27.59	34	8.0	75%	
	9/22/2006	15:13	73.4	32.6	29.80	35	7.5	75%	
	9/28/2006	11:58	76.7	33.7	30.80	35	7.7	75%	
	10/2/2006	10:42	78.5	33.3	30.36	36	7.4	75%	
	10/9/2006	13:14	72.4	33.6	30.71	35	7.6	75%	
	10/20/2006	14:13	79.4	38.8	35.47	35	7.8	75%	
	10/27/2006	12:32	77.4	39.5	35.91	37	6.4	100%	
	11/2/2006	14:13	76.2	39.0	35.46	37	7.0	75%	
	11/17/2006	15:50	76.2	39.1	34.97	43	5.2	75%	
	11/20/2006	18:35	70.7	39.4	35.14	44	5.1	75%	
	11/27/2006	18:10	71.2	40.6	35.91	47	5.0	75%	
	12/8/2006	15:35	76.5	40.7	35.90	48	4.1	75%	
	12/15/2006	8:50	67.3	41.3	36.33	49	4.0	75%	
	12/19/2006	15:50	73.3	41.0	36.07	49	3.6	75%	
	12/27/2006	16:00	74.4	42.3	37.11	50	3.1	75%	
VIEW-26A	3/2/2006	11:56	70.7	17.0	15.33	40	9.8	100%	
	3/10/2006	12:58	57.0	10.9	10.18	27	46.2	50%	
	3/16/2006	17:35	57.6	11.2	10.46	27	48.2	50%	
	3/23/2006	12:48	63.1	11.4	10.64	27	7.0	50%	
	3/31/2006	12:20	59.8	13.6	12.60	30	28.9	50%	
	4/5/2006	9:05	56.9	12.6	11.67	30	27.3	50%	
	4/12/2006	9:05	60.6	10.8	10.00	30	25.2	50%	
	4/19/2006	10:40	71.4	33.9	30.99	35	24.6	50%	
	4/26/2006	10:02	61.4	33.8	30.89	35	7.6	50%	
	5/3/2006	14:26	67.0	9.9	9.29	25	4.4	50%	
	5/11/2006	11:24	63.7	10.6	9.82	30	4.0	50%	
	5/19/2006	10:28	65.9	10.3	9.57	29	3.7	50%	
	5/24/2006	9:55	67.9	10.8	10.03	29	3.5	50%	
	6/1/2006	10:43	69.4	10.9	10.12	29	3.2	50%	
	6/7/2006	10:15	60.7	10.1	9.38	29	3.0	50%	
	6/14/2006	10:05	60.7	11.6	10.75	30	2.6	50%	
	6/23/2006	9:43	61.4	10.8	10.03	29	2.5	50%	
	6/28/2006	10:33	63.8	23.8	22.16	28	2.5	50%	
	7/3/2006	10:13	64.7	23.6	22.04	27	2.4	50%	
	7/13/2006	13:14	97.5	13.2	12.23	30	2.1	75%	
	7/21/2006	18:25	82.5	15.4	14.27	30	2.0	75%	
	8/16/2006	13:45	79.6	15.7	14.54	30	1.8	75%	
	8/23/2006	10:00	89.5	10.4	9.58	32	4.1	75%	
	8/29/2006	9:20	85.6	10.8	9.95	32	4.2	75%	
	9/9/2006	13:02	84.7	10.7	9.86	32	4.6	75%	
	9/13/2006	16:00	76.7	10.9	10.07	31	4.7	75%	
	9/22/2006	15:20	73.8	11.6	10.66	33	6.7	75%	
	9/28/2006	12:05	76.2	11.7	10.78	32	6.0	75%	
	10/2/2006	10:49	78.0	11.9	10.91	34	6.7	75%	
	10/9/2006	13:21	72.6	12.6	11.55	34	6.6	75%	
	10/20/2006	14:20	79.6	12.6	11.58	33	6.8	75%	
	10/27/2006	12:40	77.9	13.4	12.25	35	9.1	100%	
	11/2/2006	14:20	76.7	13.6	12.40	36	6.0	75%	
	11/17/2006	16:00	76.8	14.0	12.62	40	8.2	75%	
	11/20/2006	18:45	70.3	14.2	12.81	40	7.6	75%	
	11/27/2006	18:20	71.8	14.4	12.84	44	7.9	75%	
	12/8/2006	15:45	76.2	14.8	13.16	45	7.6	75%	
	12/15/2006	9:00	67.6	14.7	13.00	47	7.2	75%	
	12/19/2006	16:00	73.4	15.2	13.45	47	7.0	75%	
	12/27/2006	16:10	74.6	16.1	14.20	48	6.5	75%	
	3/2/2006	12:02	71.6	38.1	34.17	42	14.9	100%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-26B	3/10/2006	13:07	56.7	23.4	21.79	28	14.6	50%	
	3/16/2006	17:42	57.4	23.6	21.98	28	14.9	50%	
	3/23/2006	12:54	63.5	23.7	22.07	28	40.1	50%	
	3/31/2006	12:30	60.6	19.5	18.02	31	10.2	50%	
	4/5/2006	9:10	56.5	25.5	23.56	31	11.6	50%	
	4/12/2006	9:15	60.8	21.2	19.59	31	10.8	50%	
	4/19/2006	10:50	71.6	31.8	28.91	37	12.7	50%	
	4/26/2006	10:06	61.6	31.7	28.82	37	17.6	50%	
	5/3/2006	14:30	68.3	23.2	21.78	25	15.8	50%	
	5/11/2006	11:31	63.0	24.9	23.00	31	14.7	50%	
	5/19/2006	10:36	65.0	23.6	21.92	29	15.6	50%	
	5/24/2006	10:01	67.6	23.8	22.05	30	16.5	50%	
	6/1/2006	10:50	69.7	24.0	22.23	30	16.5	50%	
	6/7/2006	10:21	60.3	23.1	21.45	29	15.5	50%	
	6/14/2006	10:11	60.4	23.4	21.73	29	13.8	50%	
	6/23/2006	9:50	61.2	24.1	22.32	30	15.0	50%	
	6/28/2006	10:40	63.9	21.3	19.78	29	14.1	50%	
	7/3/2006	10:20	64.5	21.6	20.06	29	14.2	50%	
	7/13/2006	13:20	97.3	25.8	23.90	30	13.1	75%	
	7/21/2006	18:30	82.6	25.0	23.10	31	14.0	75%	
	8/16/2006	13:51	79.9	26.7	24.73	30	13.6	75%	
	8/23/2006	10:07	89.6	22.3	20.55	32	9.7	75%	
	8/29/2006	9:27	85.4	23.1	21.23	33	9.6	75%	
	9/9/2006	13:09	84.5	23.6	21.69	33	9.0	75%	
	9/13/2006	16:06	76.8	23.5	21.77	30	8.0	75%	
	9/22/2006	15:27	73.6	24.3	22.51	30	9.7	75%	
	9/28/2006	12:12	76.9	25.6	23.71	30	9.5	75%	
	10/2/2006	10:56	78.8	25.9	23.80	33	9.2	75%	
	10/9/2006	13:28	72.8	25.8	23.71	33	9.0	75%	
	10/20/2006	14:27	79.4	25.1	23.13	32	9.3	75%	
	10/27/2006	12:48	77.5	25.9	23.74	34	6.6	75%	
	11/2/2006	14:27	76.6	25.7	23.55	34	9.3	75%	
	11/17/2006	16:10	76.1	32.6	29.40	40	6.2	75%	
	11/20/2006	18:55	70.6	32.8	29.58	40	6.0	75%	
	11/27/2006	18:30	71.3	32.8	29.26	44	5.9	75%	
	12/8/2006	15:55	76.6	33.2	29.53	45	4.9	75%	
	12/15/2006	9:10	67.5	33.7	29.89	46	4.4	75%	
	12/19/2006	16:10	73.7	34.1	30.25	46	4.1	75%	
	12/27/2006	16:20	74.8	34.8	30.70	48	4.0	75%	
VEW-28	3/2/2006	12:10	71.9	32.3	29.05	41	29.0	100%	
	3/10/2006	13:04	57.9	26.9	25.18	26	17.6	50%	
	3/16/2006	17:49	57.2	26.4	24.71	26	8.6	50%	
	3/23/2006	13:00	63.8	26.5	24.81	26	13.1	50%	
	3/31/2006	12:40	60.4	17.4	16.12	30	37.6	50%	
	4/5/2006	9:15	56.7	21.0	19.45	30	35.2	50%	
	4/12/2006	9:25	60.9	19.1	17.69	30	33.7	50%	
	4/19/2006	11:00	71.6	26.6	24.31	35	31.6	50%	
	4/26/2006	10:10	61.9	26.8	24.50	35	3.9	50%	
	5/3/2006	14:34	68.4	20.5	19.29	24	3.6	50%	
	5/11/2006	11:39	63.7	22.1	20.47	30	3.9	50%	
	5/19/2006	10:44	65.3	21.5	20.02	28	4.1	50%	
	5/24/2006	10:08	67.5	21.8	20.30	28	4.3	50%	
	6/1/2006	10:56	69.5	21.6	20.11	28	4.1	50%	
	6/7/2006	10:28	60.9	21.0	19.50	29	3.6	50%	
	6/14/2006	10:18	60.9	21.8	20.25	29	3.1	50%	
	6/23/2006	9:57	61.8	21.8	20.25	29	3.3	50%	
	6/28/2006	10:47	63.5	21.4	19.98	27	3.3	50%	
	7/3/2006	10:27	64.1	21.6	20.11	28	3.2	50%	
	7/13/2006	13:26	97.6	24.1	22.32	30	2.6	75%	
	7/21/2006	18:35	82.8	24.4	22.60	30	2.2	75%	
	8/16/2006	13:57	79.1	23.9	22.14	30	2.2	75%	
	8/23/2006	10:14	89.9	18.7	17.28	31	7.1	75%	
	8/29/2006	9:34	86.2	18.1	16.72	31	6.9	75%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VMW-0106	9/9/2006	13:16	84.3	18.7	17.23	32	6.1	75%	
	9/13/2006	16:02	76.4	18.6	17.23	30	6.6	75%	
	9/22/2006	15:34	73.4	17.9	16.54	31	6.1	75%	
	9/28/2006	12:19	76.6	18.6	17.14	32	6.2	75%	
	10/2/2006	11:03	78.3	19.8	18.15	34	6.0	75%	
	10/9/2006	13:35	72.8	19.8	18.15	34	6.6	75%	
	10/20/2006	14:34	79.8	19.9	18.29	33	6.0	75%	
	10/27/2006	12:56	77.9	20.6	18.83	35	7.1	75%	
	11/2/2006	14:34	76.8	20.1	18.37	35	6.2	75%	
	11/17/2006	16:20	76.3	24.5	22.09	40	6.4	75%	
	11/20/2006	19:05	70.5	24.2	21.82	40	6.3	75%	
	11/27/2006	18:40	71.4	24.9	22.21	44	5.0	75%	
	12/8/2006	16:05	76.9	25.1	22.26	46	5.6	75%	
	12/15/2006	9:20	67.8	25.5	22.62	46	5.5	75%	
	12/19/2006	16:20	73.1	25.1	22.26	46	5.0	75%	
	12/27/2006	16:30	74.0	25.8	22.76	48	4.5	75%	
	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	4/19/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	4/26/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	5/3/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	5/11/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	5/19/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	5/24/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	6/1/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	6/7/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	6/14/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	6/23/2006	NM	NM	NM	NM	0	NM	0%	CLOSED
	6/28/2006	10:54	NM	NM	NM	0	NM	0%	CLOSED
	7/3/2006	NM	NM	NM	NM	0	NM	0%	CLOSED, 6 wells under bldg.
VFW-22A*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	4/19/2006	11:05	71.7	40.1	36.55	36	30.7	25%	
	4/26/2006	10:14	61.7	41.1	37.47	36	12.6	50%	
	5/3/2006	14:38	68.5	7.1	6.66	25	10.5	25%	
	5/11/2006	11:46	63.8	7.9	7.32	30	11.0	25%	
	5/19/2006	10:52	65.5	7.1	6.59	29	10.4	25%	
	5/24/2006	10:17	67.4	7.6	7.06	29	10.5	25%	
	6/1/2006	11:02	69.7	7.3	6.78	29	10.2	25%	
	6/7/2006	10:35	60.3	7.1	6.58	30	9.2	50%	
	6/14/2006	10:24	60.4	7.2	6.69	29	8.7	50%	
	6/23/2006	10:04	61.5	7.6	7.06	29	9.0	25%	
	6/28/2006	11:01	63.3	7.8	7.24	29	9.0	25%	
	7/3/2006	10:34	64.2	7.4	6.89	28	9.1	25%	
	7/13/2006	13:33	97.1	5.0	4.63	30	8.1	50%	
	7/21/2006	18:40	82.7	5.4	5.00	30	7.6	50%	
	8/16/2006	14:03	79.6	4.9	4.54	30	7.8	50%	
	8/23/2006	10:21	87.0	7.0	6.47	31	7.4	50%	
	8/29/2006	9:41	86.4	7.4	6.84	31	7.3	50%	
	9/9/2006	13:23	84.9	7.6	7.02	31	7.0	50%	
	9/13/2006	16:18	76.5	7.7	7.11	31	7.3	50%	
	9/22/2006	15:41	73.6	7.1	6.54	32	7.7	50%	
	9/28/2006	12:26	76.3	8.8	8.09	33	7.1	50%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	PJD (ppmv)	% Open	COMMENTS
	10/2/2006	11:10	78.9	9.2	8.43	34	7.4	50%	
	10/9/2006	13:42	72.6	9.9	9.07	34	7.3	100%	Data collected prior to opening well 100%.
	10/20/2006	14:41	79.3	10.2	9.40	32	7.3	100%	
	10/27/2006	13:04	77.7	11.0	10.08	34	7.3	100%	
	11/2/2006	14:41	76.2	12.0	10.94	36	6.7	100%	
	11/17/2006	16:30	76.9	44.0	39.68	40	6.6	100%	
	11/20/2006	19:15	70.9	44.4	39.93	41	6.2	100%	
	11/27/2006	18:50	71.6	44.8	40.07	43	6.6	100%	
	12/8/2006	16:15	76.1	44.9	39.94	45	7.1	100%	
	12/15/2006	9:30	67.1	45.2	40.09	46	6.9	100%	
	12/19/2006	16:30	73.6	46.1	40.78	47	6.7	100%	
	12/27/2006	16:40	74.1	46.8	41.40	47	6.4	100%	
VFW-22B*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/23/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	4/19/2006	71.5	34.7	31.89	33	26.4		25%	
	4/26/2006	10:18	61.5	34.1	31.34	33		50%	
	5/3/2006	14:42	68.8	21.8	20.62	22		25%	
	5/11/2006	11:54	63.4	22.9	21.33	28		25%	
	5/19/2006	11:00	65.7	22.0	20.54	27		25%	
	5/24/2006	10:25	67.9	22.8	21.29	27		25%	
	6/1/2006	11:08	69.6	22.6	21.05	28		25%	
	6/7/2006	10:41	60.5	21.0	19.61	27		50%	
	6/14/2006	10:30	60.6	21.6	20.11	28		50%	
	6/23/2006	10:11	61.6	21.6	20.22	26		25%	
	6/28/2006	11:08	63.8	21.9	20.45	27		25%	
	7/3/2006	10:41	64.7	21.7	20.21	28		25%	
	7/13/2006	13:40	97.6	25.2	23.59	26		25%	
	7/21/2006	18:45	82.7	25.6	23.97	26		25%	
	8/16/2006	14:03	79.6	4.9	4.54	30		25%	
	8/23/2006	10:28	89.7	20.1	18.82	26		25%	
	8/29/2006	9:48	86.1	20.9	19.51	27		25%	
	9/9/2006	13:30	84.2	21.2	19.79	27		25%	
	9/13/2006	16:24	76.8	21.6	20.22	26		25%	
	9/22/2006	15:48	73.7	22.1	20.63	27		25%	
	9/28/2006	12:33	76.5	23.6	22.04	27		25%	
	10/2/2006	11:17	78.1	24.6	22.61	33		25%	
	10/9/2006	13:49	72.4	24.6	22.55	34		100%	Data collected prior to opening well 100%.
	10/20/2006	14:48	79.3	24.9	22.94	32		100%	
	10/27/2006	13:12	77.4	24.6	22.55	34		100%	
	11/2/2006	14:48	76.1	24.9	22.82	34		100%	
	11/17/2006	16:40	76.2	30.6	27.59	40		100%	
	11/20/2006	19:25	70.1	30.8	27.70	41		100%	
	11/27/2006	19:00	71.5	30.9	27.64	43		100%	
	12/8/2006	16:25	76.8	31.2	27.75	45		100%	
	12/15/2006	9:40	67.9	31.0	27.57	45		100%	
	12/19/2006	16:40	73.8	31.9	28.37	45		100%	
	12/27/2006	16:50	74.6	32.1	28.39	47		100%	
	3/2/2006	12:15	76.1	13.6	12.26	40	59.6	100%	
	3/10/2006	13:13	59.0	3.9	3.65	26	14.7	50%	
	3/16/2006	17:56	56.5	4.0	3.74	26	16.7	50%	
	3/24/2006	8:10	60.2	4.2	3.93	26	17.6	50%	
	3/31/2006	9:30	60.1	13.6	12.60	30	10.0	50%	
	4/5/2006	11:40	56.5	9.2	8.52	30	11.6	50%	
	4/12/2006	9:35	61.5	11.6	10.75	30	10.3	50%	
	4/19/2006	11:15	71.6	26.1	23.86	35	13.7	50%	
	4/26/2006	13:30	61.7	24.9	22.76	35	100.3	50%	
	5/3/2006	14:46	68.9	11.5	10.82	24	90.1	50%	
	5/11/2006	12:01	64.0	12.9	11.95	30	89.2	50%	
	5/19/2006	11:07	65.8	12.0	11.20	27	86.2	50%	
	5/24/2006	10:31	67.5	11.8	10.99	28	84.3	50%	
	6/1/2006	11:20	69.3	11.9	11.05	29	83.1	50%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VFW-25B	6/7/2006	10:55	60.6	11.8	10.96	29	80.2	50%	
	6/14/2006	10:40	60.0	11.2	10.40	29	76.1	50%	
	6/23/2006	10:18	61.9	11.6	10.77	29	75.6	50%	
	6/28/2006	11:15	65.1	11.9	11.11	27	70.1	50%	
	7/3/2006	11:20	65.9	11.8	11.02	27	65.2	50%	
	7/13/2006	13:46	97.1	6.3	5.84	30	60.2	75%	
	7/21/2006	18:50	82.9	6.0	5.56	30	61.6	75%	
	8/16/2006	15:20	80.2	5.6	5.19	30	60.1	75%	
	8/23/2006	12:30	90.6	5.9	5.47	30	26.9	75%	
	8/29/2006	11:30	86.7	5.8	5.37	30	25.1	75%	
	9/9/2006	7:40	85.7	5.9	5.47	30	25.8	75%	
	9/13/2006	16:30	76.1	5.4	5.00	30	24.6	75%	
	9/22/2006	16:00	74.1	5.9	5.45	31	24.3	75%	
	9/28/2006	12:40	76.7	6.2	5.74	30	25.6	75%	
	10/2/2006	11:24	79.0	7.2	6.62	33	26.1	75%	
	10/9/2006	14:10	72.9	7.4	6.80	33	26.6	100%	Data collected prior to opening well 100%.
	10/20/2006	15:10	78.1	7.6	6.97	34	24.7	100%	
	10/27/2006	13:20	78.4	7.7	7.06	34	25.0	100%	
	11/2/2006	14:55	76.9	7.9	7.24	34	24.2	100%	
	11/17/2006	16:50	76.9	6.5	5.86	40	23.2	100%	
	11/20/2006	19:35	70.6	6.6	5.95	40	20.6	100%	
	11/28/2006	16:30	68.2	6.7	6.03	41	20.0	100%	
	12/8/2006	16:35	76.9	7.2	6.42	44	19.0	100%	
	12/15/2006	10:00	67.9	7.4	6.58	45	18.1	100%	
	12/19/2006	17:20	73.1	7.6	6.74	46	17.1	100%	
	12/27/2006	17:00	74.1	8.1	7.17	47	15.2	100%	
VFW-27	3/2/2006	12:25	71.9	32.9	29.59	41	100.6	100%	
	3/10/2006	13:20	59.6	22.2	20.73	27	34.7	50%	
	3/16/2006	18:04	55.9	22.6	21.10	27	34.9	50%	
	3/24/2006	8:18	61.0	23.7	22.13	27	33.6	50%	
	3/31/2006	9:40	60.4	23.6	21.80	31	14.4	50%	
	4/5/2006	11:45	56.1	19.9	18.43	30	14.9	50%	
	4/12/2006	9:45	61.0	18.7	17.23	32	12.6	50%	
	4/19/2006	11:20	71.4	33.7	30.72	36	15.2	50%	Moisture
	4/26/2006	13:40	61.4	33.8	30.81	36	10.6	50%	
	5/3/2006	14:50	68.7	18.5	17.36	25	8.8	50%	
	5/11/2006	12:08	63.8	19.9	18.43	30	8.7	50%	
	5/19/2006	11:15	65.9	19.6	18.20	29	7.9	50%	
	5/24/2006	10:38	67.6	19.5	18.11	29	7.0	50%	
	6/1/2006	11:26	69.8	19.7	18.35	28	6.5	50%	
	6/7/2006	11:01	60.8	19.7	18.30	29	6.2	50%	
	6/14/2006	10:45	60.8	21.2	19.64	30	6.0	50%	
	6/23/2006	10:25	61.8	19.8	18.39	29	6.0	50%	
	6/28/2006	11:22	65.4	19.4	18.11	27	5.4	50%	
	7/3/2006	11:27	65.6	19.6	18.35	26	5.6	50%	
	7/13/2006	13:53	97.6	21.6	20.01	30	5.1	75%	
	7/21/2006	18:55	82.6	21.5	19.92	30	58.2	75%	
	8/16/2006	15:26	80.3	21.6	20.01	30	57.6	75%	
	8/23/2006	12:37	90.1	19.0	17.55	31	21.6	75%	
	8/29/2006	11:37	86.9	19.7	18.15	32	22.6	75%	
	9/9/2006	7:50	85.1	19.6	18.20	29	22.1	75%	
	9/13/2006	16:36	76.9	19.1	17.69	30	22.0	75%	
	9/22/2006	16:07	74.6	19.9	18.34	32	23.1	75%	
	9/28/2006	12:47	76.8	20.3	18.70	32	23.7	75%	
	10/2/2006	11:31	79.2	19.9	18.29	33	22.6	75%	
	10/9/2006	14:17	73.6	20.1	18.42	34	22.7	100%	Data collected prior to opening well 100%.
	10/20/2006	15:17	78.3	20.9	19.21	33	22.1	100%	
	10/27/2006	13:28	78.6	21.2	19.38	35	20.4	100%	
	11/2/2006	15:02	76.1	21.4	19.56	35	19.6	100%	
	11/17/2006	17:00	76.1	24.4	22.00	40	21.6	100%	
	11/20/2006	19:45	70.4	24.6	22.24	39	21.0	100%	
	11/28/2006	16:40	68.3	24.0	21.64	40	21.2	100%	
	12/8/2006	16:45	76.3	26.1	23.22	45	22.6	100%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
	12/15/2006	10:10	67.7	26.6	23.60	46	20.1	100%	
	12/19/2006	17:30	73.6	26.9	23.80	47	19.2	100%	
	12/27/2006	17:10	74.4	27.3	24.15	47	17.1	100%	
VIEW-20B*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/24/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	6	NM	0%	CLOSED
	4/19/2006	11:25	71.5	28.2	25.78	35	26.4	25%	
	4/26/2006	13:45	61.7	28.1	25.75	34	4.0	25%	
	5/3/2006	14:54	68.5	6.8	6.45	21	3.1	25%	
	5/11/2006	12:15	63.7	7.91	7.33	30	3.0	25%	
	5/19/2006	11:22	65.6	7.82	7.30	27	2.4	25%	
	5/24/2006	10:45	67.9	7.9	7.38	27	2.2	25%	
	6/1/2006	11:32	69.7	7.9	7.38	27	2.0	25%	
	6/7/2006	11:07	60.9	8.1	7.58	26	1.5	25%	
	6/14/2006	10:52	61.1	9.0	8.40	27	1.1	25%	
	6/23/2006	10:32	62.0	8.0	7.49	26	1.2	25%	
	6/28/2006	11:29	65.5	8.4	7.86	26	1.0	25%	
	7/3/2006	11:34	65.7	8.3	7.75	27	1.1	25%	
	7/13/2006	14:00	97.5	8.8	8.17	29	1.0	25%	
	7/21/2006	19:00	82.8	8.5	7.87	30	4.8	75%	
	8/16/2006	15:32	80.4	8.3	7.71	29	4.4	75%	
	8/23/2006	12:44	90.9	8.8	8.22	27	4.8	75%	
	8/29/2006	11:44	86.7	8.9	8.31	27	4.4	75%	
	9/9/2006	8:04	85.4	8.6	8.01	28	4.2	75%	
	9/13/2006	16:42	76.6	8.7	8.06	30	4.0	75%	
	9/22/2006	16:14	74.8	8.9	8.24	30	4.4	75%	
	9/28/2006	12:54	76.2	8.8	8.15	30	4.0	75%	
	10/2/2006	11:38	78.9	8.9	8.22	31	4.2	75%	
	10/9/2006	14:24	72.9	8.1	7.48	31	4.4	75%	
	10/20/2006	15:24	78.1	8.4	7.76	31	4.3	75%	
	10/27/2006	13:36	78.8	8.4	7.72	33	4.0	75%	
	11/2/2006	15:09	76.5	8.8	8.07	34	3.6	75%	
	11/17/2006	17:10	76.5	10.4	9.40	39	4.1	75%	
	11/20/2006	19:55	70.5	9.9	8.95	39	4.0	75%	
	11/28/2006	16:50	68.9	10.2	9.22	39	3.5	75%	
	12/8/2006	16:55	76.6	12.6	11.24	44	3.0	75%	
	12/15/2006	10:20	67.1	12.7	11.30	45	2.1	75%	
	12/19/2006	17:40	76.4	12.8	11.39	45	2.0	75%	
	12/27/2006	17:20	74.6	12.1	10.70	47	1.5	75%	
20A*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/10/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/16/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/24/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	7	NM	0%	CLOSED
	4/19/2006	11:30	71.6	30.6	27.97	35	29.7	25%	
	4/26/2006	13:50	61.5	30.8	28.23	34	3.0	25%	
	5/3/2006	14:58	68.0	7.60	7.15	24	2.6	25%	
	5/11/2006	12:23	63.4	9.01	8.37	29	2.9	25%	
	5/19/2006	11:29	65.6	8.9	8.29	28	6.5	25%	
	5/24/2006	10:52	68.1	8.8	8.19	28	6.3	25%	
	6/1/2006	11:38	69.5	8.7	8.08	29	6.1	25%	
	6/7/2006	11:14	61.2	8.8	8.19	28	6.0	25%	
	6/14/2006	10:58	61.0	8.4	7.82	28	5.2	25%	
	6/23/2006	10:39	62.8	8.6	7.99	29	5.5	25%	
	6/28/2006	11:36	65.8	8.8	8.17	29	4.6	25%	
	7/3/2006	11:41	65.4	8.3	7.73	28	4.4	25%	
	7/13/2006	14:07	97.6	12.2	11.30	30	4.0	50%	
	7/21/2006	19:05	82.1	12.0	11.15	29	1.1	25%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building I/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VFW	8/16/2006	15:38	80.1	13.0	12.04	30	0.9	25%	
	8/23/2006	12:51	90.6	14.0	12.97	30	1.6	25%	
	8/29/2006	11:51	86.6	14.4	13.34	30	1.3	25%	
	9/9/2006	8:11	85.6	14.6	13.52	30	1.6	25%	
	9/13/2006	16:48	76.5	14.4	13.34	30	1.7	25%	
	9/22/2006	16:21	74.1	15.1	13.99	30	1.9	25%	
	9/28/2006	13:01	76.4	15.9	14.73	30	2.1	25%	
	10/2/2006	11:45	78.8	16.2	15.01	30	2.3	25%	
	10/9/2006	14:31	73.0	16.0	14.74	32	2.0	25%	
	10/20/2006	15:31	78.6	16.6	15.38	30	2.1	25%	
	10/27/2006	13:44	78.4	16.9	15.65	30	1.6	25%	
	11/2/2006	15:16	76.4	17.3	16.03	30	1.7	25%	
	11/17/2006	17:20	76.9	19.6	17.63	41	0.4	25%	
	11/20/2006	20:05	70.9	20.1	18.08	41	0.3	25%	
	11/28/2006	17:00	68.4	21.0	18.83	42	0.5	25%	
	12/8/2006	17:05	76.1	22.1	19.93	40	0.6	25%	
	12/15/2006	10:30	67.3	22.6	20.93	30	0.5	25%	
	12/19/2006	17:50	76.9	22.0	20.33	31	0.4	25%	
	12/27/2006	17:30	74.9	22.8	20.22	46	0.4	25%	
VFW-05	3/2/2006	12:40	74.1	45.1	40.23	44	92.1	100%	
	3/10/2006	13:27	59.4	30.2	28.27	26	48.6	50%	
	3/16/2006	18:11	56.0	31.1	29.11	26	48.6	50%	
	3/24/2006	8:26	60.3	30.2	28.27	26	46.8	50%	
	3/31/2006	9:50	60.2	22.2	20.56	30	29.4	50%	
	4/5/2006	11:50	56.1	20.1	18.62	30	28.7	50%	
	4/12/2006	9:55	60.9	19.7	18.25	30	25.3	50%	
	4/19/2006	11:35	71.5	24.3	22.21	35	26.8	50%	
	4/26/2006	13:55	61.6	30.8	28.23	34	1.0	50%	
	5/3/2006	15:02	67.5	38.5	36.14	25	0.7	50%	
	5/11/2006	12:30	63.3	40.1	37.15	30	0.6	50%	
	5/19/2006	11:36	65.7	39.7	36.87	29	2.2	50%	
	5/24/2006	10:58	68.0	39.8	36.97	29	2.0	50%	
	6/1/2006	11:44	69.8	40.2	37.24	30	1.9	50%	
	6/7/2006	11:21	61.0	41.0	38.08	29	1.8	50%	
	6/14/2006	11:05	61.2	40.6	37.61	30	1.8	50%	
	6/23/2006	10:46	62.5	41.6	38.64	29	1.6	50%	
	6/28/2006	11:43	65.8	41.4	38.65	27	8.9	50%	
	7/3/2006	11:48	65.3	41.6	38.84	27	8.7	50%	
	7/13/2006	14:13	97.3	31.4	29.09	30	7.9	75%	
	7/21/2006	19:10	82.9	31.5	29.18	30	3.8	50%	
	8/16/2006	15:44	79.9	30.6	28.35	30	3.1	50%	
	8/23/2006	12:58	90.9	29.9	27.70	30	3.3	50%	
	8/29/2006	11:58	87.0	30.3	28.07	30	3.1	50%	
	9/9/2006	8:18	85.8	31.0	28.72	30	3.0	50%	
	9/13/2006	16:54	76.3	31.6	29.19	31	2.9	50%	
	9/22/2006	16:28	74.7	33.6	30.96	32	3.2	50%	
	9/28/2006	13:08	76.1	33.0	30.49	31	3.6	50%	
	10/2/2006	11:52	79.5	34.1	31.25	34	3.6	50%	
	10/9/2006	14:38	73.2	34.6	31.63	35	3.7	50%	
	10/20/2006	15:38	78.4	34.4	31.78	31	3.9	50%	
	10/27/2006	13:52	78.9	34.6	31.80	33	3.6	50%	
	11/2/2006	15:23	76.8	34.2	31.43	33	3.1	50%	
	11/17/2006	17:30	76.6	33.8	30.65	38	6.2	50%	
	11/20/2006	20:15	70.8	33.9	30.74	38	6.1	50%	
	11/28/2006	17:10	68.1	32.6	29.48	39	5.5	50%	
	12/8/2006	17:15	76.3	34.6	30.86	44	5.0	50%	
	12/15/2006	10:40	67.5	34.0	30.24	45	4.5	50%	
	12/19/2006	18:00	76.4	34.4	30.51	46	4.3	50%	
	12/27/2006	17:40	74.4	34.8	30.78	47	4.0	50%	
VFW-05	3/2/2006	12:46	74.6	15.9	14.14	45	48.6	100%	
	3/12/2006	10:38	59.6	7.0	6.52	28	19.6	50%	
	3/16/2006	18:18	56.5	7.1	6.62	28	20.1	50%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-15A	3/24/2006	8:34	60.6	7.1	6.61	28	19.0	50%	
	3/31/2006	10:00	60.6	16.3	15.02	32	38.3	50%	
	4/5/2006	11:55	56.5	11.5	10.65	30	36.4	50%	
	4/12/2006	10:05	61.2	10.8	9.98	31	35.4	50%	
	4/19/2006	11:40	71.4	19.9	18.14	36	33.2	50%	
	4/26/2006	14:00	61.7	20.1	18.37	35	3.6	50%	
	5/3/2006	15:06	68.0	9.0	8.43	26	3.0	50%	
	5/11/2006	12:37	63.5	11.1	10.28	30	2.5	50%	
	5/19/2006	11:44	65.3	11.2	10.37	30	4.7	50%	
	5/24/2006	11:04	68.3	11.0	10.19	30	4.6	50%	
	6/1/2006	11:50	69.7	11.6	10.75	30	4.4	50%	
	6/7/2006	11:27	61.3	11.8	10.93	30	4.2	50%	
	6/14/2006	11:10	61.1	14.0	13.00	29	4.3	50%	
	6/23/2006	10:53	62.6	11.9	11.02	30	4.0	50%	
	6/28/2006	11:50	65.7	11.8	10.96	29	3.6	50%	
	7/3/2006	11:55	65.3	11.8	10.96	29	3.6	50%	
	7/13/2006	14:19	97.6	13.2	12.20	31	3.3	75%	
	7/21/2006	19:15	82.6	13.3	12.29	31	7.8	75%	
	8/16/2006	15:50	79.6	13.6	12.56	31	7.6	75%	
	8/23/2006	13:05	90.7	11.7	10.81	31	3.6	75%	
	8/29/2006	12:05	87.3	11.8	10.87	32	3.1	75%	
	9/9/2006	8:25	85.9	11.8	10.87	32	3.4	75%	
	9/13/2006	17:00	76.8	11.7	10.75	33	3.2	75%	
	9/22/2006	16:35	74.5	11.1	10.20	33	3.6	75%	
	9/28/2006	13:15	76.7	11.0	10.11	33	3.6	75%	
	10/2/2006	11:59	79.2	11.6	10.60	35	3.9	75%	
	10/9/2006	14:45	73.6	11.7	10.75	33	3.6	75%	
	10/20/2006	15:45	78.7	11.9	10.91	34	3.6	75%	
	10/27/2006	14:00	78.2	12.6	11.52	35	3.3	75%	
	11/2/2006	15:30	76.2	12.1	11.06	35	3.6	75%	
	11/17/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/28/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	11	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	12	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	12	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	13	NM	0%	CLOSED
VEW-16A	3/2/2006	12:53	71.6	28.1	26.16	28.1	71.1	100%	
	3/12/2006	10:45	59.7	26.3	24.62	26	36.7	50%	
	3/16/2006	18:25	56.9	26.6	24.90	26	36.0	50%	
	3/24/2006	8:42	60.4	26.0	24.34	26	30.0	50%	
	3/31/2006	10:10	59.9	18.2	16.86	30	26.9	50%	
	4/5/2006	12:00	56.4	9.6	8.86	30	25.8	50%	
	4/12/2006	10:15	60.8	10.1	9.36	30	23.6	50%	
	4/19/2006	11:45	71.6	26.8	24.50	35	23.7	50%	Molasses
	4/26/2006	14:05	61.5	26.7	24.47	34	14.9	50%	
	5/3/2006	15:10	68.7	5.90	5.54	25	11.8	50%	
	5/11/2006	12:45	63.6	7.21	6.70	29	11.9	50%	
	5/19/2006	11:52	66.0	7.11	6.64	27	11.7	50%	
	5/24/2006	11:11	67.7	7.2	6.74	26	11.6	50%	
	6/1/2006	11:56	69.6	7.6	7.11	26	11.0	50%	
	6/7/2006	11:33	60.8	7.7	7.15	29	10.8	50%	
	6/14/2006	11:17	60.9	9.0	8.34	30	10.3	50%	
	6/23/2006	11:00	62.7	7.5	6.98	28	10.5	50%	
	6/28/2006	11:57	65.1	7.6	7.10	27	8.1	50%	
	7/3/2006	12:02	65.6	7.7	7.17	28	8.2	50%	
	7/13/2006	14:26	97.4	4.4	4.08	30	8.0	75%	
	7/21/2006	19:20	82.1	4.2	3.88	31	3.1	75%	
	8/16/2006	15:56	79.8	4.0	3.70	31	2.9	75%	
	8/23/2006	13:12	91.3	2.5	2.32	30	9.6	75%	
	8/29/2006	12:12	87.5	2.7	2.49	31	9.4	75%	
	9/9/2006	8:32	85.4	2.8	2.59	31	9.0	75%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
	9/13/2006	17:06	76.4	3.1	2.87	30	7.9	75%	
	9/22/2006	16:42	74.9	3.3	3.05	31	8.2	75%	
	9/28/2006	13:22	76.9	3.6	3.33	31	8.8	75%	
	10/2/2006	12:09	79.4	4.0	3.68	33	8.9	75%	
	10/9/2006	14:52	73.4	4.4	4.04	33	8.7	75%	
	10/20/2006	15:52	76.1	4.7	4.32	33	8.9	75%	
	10/27/2006	14:08	78.1	4.9	4.49	34	8.2	75%	
	11/2/2006	15:37	76.5	5.2	4.77	34	8.6	75%	
	11/17/2006	17:40	76.1	5.6	5.05	40	8.3	75%	
	11/20/2006	20:25	70.2	5.7	5.13	41	8.0	75%	
	11/28/2006	17:20	68.3	5.9	5.31	41	7.6	75%	
	12/8/2006	17:25	76.4	7.1	6.32	45	7.6	75%	
	12/15/2006	10:50	67.1	7.7	6.83	46	7.0	75%	
	12/19/2006	18:10	76.5	7.9	7.01	46	7.0	75%	
	12/27/2006	17:50	74.1	8.2	7.25	47	5.9	75%	
VEW-16B	3/2/2006	13:00	71.0	28.7	25.53	45	61.6	100%	
	3/12/2006	10:52	60.2	16.4	15.19	30	31.6	50%	
	3/16/2006	18:32	58.1	16.3	15.10	30	31.3	50%	
	3/24/2006	8:50	60.9	16.2	15.01	30	26.0	50%	
	3/31/2006	10:20	60.2	22.7	20.97	31	17.7	50%	
	4/5/2006	12:05	56.4	11.0	10.09	32	18.4	50%	
	4/12/2006	10:25	61.7	9.7	8.94	32	17.0	50%	
	4/19/2006	11:50	71.5	36.4	33.00	38	15.4	50%	
	4/26/2006	14:10	61.7	36.8	33.55	36	1.7	50%	
	5/3/2006	15:14	68.3	52.7	49.21	27	1.4	50%	
	5/11/2006	12:53	63.9	54.3	50.17	31	1.6	50%	
	5/19/2006	12:00	66.3	53.6	49.65	30	2.3	50%	
	5/24/2006	11:18	67.9	53.8	49.84	30	2.2	50%	
	6/1/2006	12:02	69.5	54.1	49.98	31	2.1	50%	
	6/7/2006	11:39	61.3	55.1	51.04	30	1.8	50%	
	6/14/2006	11:25	61.0	52.6	48.72	30	1.6	50%	
	6/23/2006	11:07	62.1	54.9	50.86	30	1.7	50%	
	6/28/2006	12:04	65.4	54.1	50.78	25	1.2	50%	
	7/3/2006	12:09	65.7	54.3	50.97	25	1.0	50%	
	7/13/2006	14:24	97.4	85.6	78.66	33	1.0	75%	
	7/21/2006	19:25	82.3	85.0	78.11	33	7.8	75%	
	8/16/2006	16:02	79.7	83.6	76.82	33	7.4	75%	
	8/23/2006	13:19	90.1	87.3	80.01	34	5.7	75%	
	8/29/2006	12:19	87.0	86.1	79.12	33	5.5	75%	
	9/9/2006	8:39	85.3	87.6	80.72	32	5.3	75%	
	9/13/2006	17:12	76.7	86.1	78.91	34	5.5	75%	
	9/22/2006	16:49	74.3	86.9	79.43	35	5.0	75%	
	9/28/2006	13:29	76.3	87.1	79.61	35	4.6	75%	
	10/2/2006	12:16	79.0	88.6	80.98	35	4.4	75%	
	10/9/2006	14:59	73.6	88.1	80.74	34	4.3	75%	
	10/20/2006	15:59	78.9	88.8	80.95	36	4.0	75%	
	10/27/2006	14:16	78.3	89.3	81.19	37	3.5	75%	
	11/2/2006	15:44	76.2	88.1	79.88	38	3.8	75%	
	11/17/2006	17:50	76.5	94.1	84.16	43	3.8	75%	
	11/20/2006	20:35	70.3	90.1	80.59	43	3.6	75%	
	11/28/2006	17:30	68.7	90.3	80.76	43	3.3	75%	
	12/8/2006	17:35	76.8	92.6	81.91	47	2.9	75%	
	12/15/2006	11:00	67.8	91.1	80.14	49	2.4	75%	
	12/19/2006	18:20	76.1	91.2	80.00	50	2.2	75%	
	12/27/2006	18:00	74.3	92.8	81.41	50	2.1	75%	
	3/2/2006	13:06	71.6	22.2	19.80	44	16.1	100%	
	3/12/2006	11:00	60.9	11.9	11.08	28	10.7	50%	
	3/16/2006	18:39	57.1	12.6	11.73	28	11.2	50%	
	3/24/2006	8:57	60.3	12.4	11.55	28	10.0	50%	
	3/31/2006	10:30	60.6	15.7	14.54	30	18.4	50%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VFW-15B	4/5/2006	12:10	56.9	13.4	12.41	30	16.3	50%	
	4/12/2006	10:35	61.4	12.3	11.39	30	14.3	50%	
	4/19/2006	11:55	71.4	34.2	31.09	37	15.8	50%	Moisture
	4/26/2006	14:15	61.9	34.8	31.81	35	30.6	50%	
	5/3/2006	15:18	68.3	13.4	12.58	25	26.0	50%	
	5/11/2006	13:00	63.8	14.9	13.80	30	24.2	50%	
	5/19/2006	12:07	66.0	14.6	13.56	29	26.7	50%	
	5/24/2006	11:24	68.2	14.8	13.71	30	26.5	50%	
	6/1/2006	12:08	69.7	14.7	13.62	30	26.4	50%	
	6/7/2006	11:46	61.2	14.8	13.71	30	26.1	50%	
	6/14/2006	11:32	61.0	13.9	12.88	30	26.0	50%	
	6/23/2006	11:14	62.8	14.6	13.56	29	26.5	50%	
	6/28/2006	12:11	65.9	14.9	13.84	29	24.1	50%	
	7/3/2006	12:36	65.3	14.6	13.56	29	23.6	50%	
	7/13/2006	14:30	97.5	14.4	13.34	30	23.3	75%	
	7/21/2006	19:30	82.8	14.2	13.12	31	1.3	75%	
	8/16/2006	16:08	80.0	14.2	13.12	31	1.1	75%	
	8/23/2006	13:26	91.3	15.7	14.50	31	10.6	75%	
	8/29/2006	12:26	86.8	15.6	14.41	31	9.7	75%	
	9/9/2006	8:46	85.2	15.7	14.50	31	9.2	75%	
	9/13/2006	17:18	76.0	15.1	13.91	32	9.3	75%	
	9/22/2006	16:56	74.7	16.2	14.89	33	9.6	75%	
	9/28/2006	13:36	76.5	16.8	15.48	32	9.9	75%	
	10/2/2006	12:24	78.6	16.4	15.03	34	10.6	75%	
	10/9/2006	15:07	73.5	16.6	15.25	33	10.1	75%	
	10/20/2006	16:06	78.4	16.4	15.07	33	10.0	75%	
	10/27/2006	14:24	78.7	16.7	15.26	35	9.9	75%	
	11/2/2006	15:51	76.4	16.1	14.68	36	9.6	75%	
	11/17/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	11/28/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
VFW-08B	3/2/2006	13:14	72.6	70.1	62.35	45	79.6	100%	
	3/12/2006	11:08	60.7	40.6	37.71	29	42.7	50%	
	3/16/2006	18:45	57.3	41.6	38.64	29	46.7	50%	
	3/24/2006	9:05	60.7	40.9	37.99	29	40.6	50%	
	3/31/2006	10:40	60.4	27.6	25.36	33	16.6	50%	
	4/5/2006	12:15	64.1	126.1	115.88	33	15.4	50%	Moisture
	4/12/2006	10:45	61.3	118.0	108.73	32	12.8	50%	
	4/19/2006	12:00	71.7	38.7	35.09	38	17.4	50%	
	4/26/2006	14:20	61.3	38.8	35.37	36	3.6	50%	
	5/3/2006	15:22	68.0	40.9	37.99	29	3.1	50%	
	5/11/2006	13:07	64.3	41.7	38.32	33	5.0	50%	
	5/19/2006	12:14	65.8	39.8	36.77	31	4.8	50%	
	5/24/2006	11:31	67.7	39.5	36.49	31	5.0	50%	
	6/1/2006	12:15	69.5	39.0	36.03	31	4.8	50%	
	6/7/2006	11:53	60.7	38.6	35.66	31	4.9	50%	
	6/14/2006	11:39	60.8	40.0	37.05	30	4.8	50%	
	6/23/2006	11:21	63.0	38.9	35.94	31	4.6	50%	
	6/28/2006	12:18	65.8	38.3	35.38	31	4.0	50%	
	7/3/2006	12:43	65.4	38.3	35.48	30	3.6	50%	
	7/13/2006	14:36	97.1	55.6	50.96	34	3.7	75%	
	7/21/2006	19:35	82.5	54.9	50.32	34	23.0	75%	
	8/16/2006	16:04	80.3	53.9	49.40	34	20.6	75%	
	8/23/2006	13:33	91.7	51.1	46.71	35	16.9	75%	
	8/29/2006	12:33	86.6	52.8	48.13	36	16.6	75%	
	9/9/2006	8:53	85.9	56.6	51.60	36	16.4	75%	
	9/13/2006	17:24	76.1	56.0	51.19	35	16.6	75%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building I/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VFW-08A	9/22/2006	17:03	74.4	57.2	52.28	35	16.8	75%	
	9/28/2006	13:43	76.0	58.6	53.56	35	17.2	75%	
	10/2/2006	12:32	78.9	58.0	52.87	36	16.9	75%	
	10/9/2006	15:14	73.0	58.1	52.96	36	16.5	100%	Data collected prior to opening well 100%.
	10/20/2006	16:14	78.5	58.0	52.87	36	16.3	100%	
	10/27/2006	14:32	78.6	59.1	53.58	38	14.6	100%	
	11/2/2006	15:58	76.7	60.7	55.18	37	14.4	100%	
	11/17/2006	18:00	76.9	71.0	63.50	43	14.8	100%	
	11/20/2006	20:45	70.8	70.8	63.15	44	14.4	100%	
	11/28/2006	17:40	68.9	71.1	63.24	45	14.0	100%	
	12/8/2006	17:45	76.1	72.6	64.04	48	12.6	100%	
	12/15/2006	11:10	67.6	72.0	63.51	48	12.1	100%	
	12/19/2006	18:30	76.6	73.8	65.10	48	12.0	100%	
	12/27/2006	18:10	74.8	73.0	64.04	50	10.5	100%	
	3/2/2006	13:20	72.9	15.3	13.65	44	98.1	100%	
	3/12/2006	11:15	61.0	13.7	12.83	26	26.7	50%	
	3/17/2006	6:10	59.0	13.9	13.01	26	26.9	50%	
	3/24/2006	9:13	60.6	13.2	12.32	27	21.5	50%	
	3/31/2006	10:50	60.8	19.8	18.34	30	38.9	50%	
	4/5/2006	12:20	56.6	17.8	16.53	29	35.6	50%	
	4/12/2006	10:55	60.9	15.3	14.17	30	31.9	50%	
	4/19/2006	12:05	71.4	26.9	24.59	35	31.3	50%	
	4/26/2006	14:25	61.8	26.1	23.92	34	7.6	50%	
	5/3/2006	15:26	68.7	8.65	8.12	25	5.7	50%	
	5/11/2006	13:05	64.0	9.75	9.06	29	4.6	50%	
	5/19/2006	12:22	65.9	9.4	8.78	27	4.4	50%	
	5/24/2006	11:37	68.0	9.6	8.94	28	4.3	50%	
	6/1/2006	12:22	69.7	9.5	8.85	28	4.2	50%	
	6/7/2006	11:59	60.9	9.6	8.94	28	3.8	50%	
	6/14/2006	11:46	60.8	8.7	8.08	29	3.9	50%	
	6/23/2006	11:28	63.2	9.5	8.87	27	3.5	50%	
	6/28/2006	12:25	65.7	9.7	9.08	26	3.1	50%	
	7/3/2006	12:50	65.0	9.8	9.15	27	3.3	50%	
	7/13/2006	14:44	97.0	10.4	9.63	30	3.1	75%	
	7/21/2006	19:40	82.3	10.8	9.98	31	3.1	75%	
	8/16/2006	16:20	80.1	10.9	10.10	30	2.7	75%	
	8/23/2006	13:40	91.4	12.7	11.76	30	7.6	75%	
	8/29/2006	12:40	86.9	12.9	11.95	30	7.4	75%	
	9/9/2006	9:00	85.0	12.1	11.24	29	7.3	75%	
	9/13/2006	17:30	76.8	12.9	11.95	30	7.0	75%	
	9/22/2006	17:10	74.6	13.8	12.75	31	7.7	75%	
	9/28/2006	13:50	76.3	13.1	12.13	30	7.5	75%	
	10/2/2006	12:40	79.0	13.6	12.50	33	8.8	75%	
	10/9/2006	15:21	73.3	13.9	12.77	33	8.2	100%	Data collected prior to opening well 100%.
	10/20/2006	16:21	78.3	14.6	13.45	32	7.9	100%	
	10/27/2006	14:40	78.9	14.9	13.66	34	7.7	100%	
	11/2/2006	16:05	76.3	15.1	13.84	34	7.5	100%	
	11/17/2006	18:10	76.0	13.9	12.53	40	7.6	100%	
	11/20/2006	20:55	70.2	12.8	11.54	40	7.0	100%	
	11/28/2006	17:50	68.7	13.0	11.69	41	6.5	100%	
	12/8/2006	17:55	76.7	14.6	12.99	45	6.0	100%	
	12/15/2006	11:20	67.9	14.5	12.86	46	5.5	100%	
	12/19/2006	18:40	76.2	14.9	13.18	47	5.0	100%	
	12/27/2006	18:20	74.6	14.0	12.42	46	4.4	100%	
<hr/>									
3/2/2006 NM NM NM NM NM NM 0% CLOSED 3/12/2006 NM NM NM NM NM NM 0% CLOSED 3/17/2006 NM NM NM NM NM NM 0% CLOSED 3/24/2006 NM NM NM NM NM NM 0% CLOSED 4/5/2006 NM NM NM NM NM NM 0% CLOSED									

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-11A*	4/12/2006	NM	NM	NM	NM	6	NM	0%	CLOSED
	4/19/2006	12:10	71.3	20.1	18.62	30	28.7	25%	
	4/26/2006	14:30	61.7	43.1	39.40	35	2.2	25%	
	5/3/2006	15:30	68.2	23.9	22.67	21	2.0	25%	
	5/11/2006	13:12	63.9	25.2	23.59	26	1.7	25%	
	5/19/2006	12:30	66.2	25.5	23.93	25	1.7	25%	
	5/24/2006	11:43	68.2	25.0	23.47	25	1.5	25%	
	6/1/2006	12:29	69.3	25.5	23.93	25	2.3	25%	
	6/7/2006	12:05	61.5	22.6	21.21	25	2.2	25%	
	6/14/2006	11:53	61.3	21.9	20.50	26	2.1	25%	
	6/23/2006	11:35	63.3	22.9	21.49	25	2.1	25%	
	6/28/2006	12:32	65.1	22.8	21.40	25	2.0	25%	
	7/3/2006	12:57	65.3	22.0	20.65	25	1.9	25%	
	7/13/2006	14:50	97.3	28.1	26.44	24	1.6	25%	
	7/21/2006	19:45	82.8	28.0	26.28	25	3.6	25%	
	8/16/2006	16:26	80.7	27.6	25.84	26	3.3	25%	
	8/23/2006	13:47	91.5	28.8	27.03	25	3.3	25%	
	8/29/2006	12:47	87.3	28.1	26.31	26	3.3	25%	
	9/9/2006	9:07	85.1	28.4	26.52	27	3.0	25%	
	9/13/2006	17:36	76.1	30.1	28.25	25	3.3	25%	
	9/22/2006	17:17	74.9	31.1	29.11	26	3.9	25%	
	9/28/2006	13:58	76.9	32.3	30.32	25	4.1	25%	
	10/2/2006	12:48	79.4	32.6	30.52	26	4.4	25%	
	10/9/2006	15:28	73.1	33.2	31.00	27	4.0	25%	
	10/20/2006	16:28	78.9	33.6	31.37	27	4.2	25%	
	10/27/2006	14:48	78.5	34.3	31.86	29	3.9	25%	
	11/2/2006	16:12	76.9	34.6	32.05	30	3.8	25%	
	11/17/2006	18:20	76.6	34.2	31.60	31	4.6	25%	
	11/20/2006	21:05	70.0	30.6	28.20	32	4.9	25%	
	11/28/2006	18:00	68.8	31.7	28.98	35	4.6	25%	
	12/8/2006	18:05	76.5	32.0	29.25	35	4.4	25%	
	12/15/2006	11:30	67.1	31.6	28.73	37	4.1	25%	
	12/19/2006	18:50	76.8	32.0	29.09	37	3.7	25%	
	12/27/2006	18:30	74.7	33.2	30.18	37	3.3	25%	
VEW-11B*	3/2/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/12/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/17/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	3/24/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/5/2006	NM	NM	NM	NM	NM	NM	0%	CLOSED
	4/12/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	4/19/2006	12:15	71.4	26.6	24.25	36	30.2	25%	
	4/26/2006	14:35	61.9	36.1	32.82	37	3.9	25%	
	5/3/2006	15:34	68.3	7.85	7.35	26	3.3	25%	
	5/11/2006	13:19	63.8	7.97	7.34	32	3.0	25%	
	5/19/2006	12:37	66.0	7.5	6.95	30	2.8	25%	
	5/24/2006	11:50	68.1	7.3	6.76	30	2.4	25%	
	6/1/2006	12:35	69.4	7.0	6.48	30	2.0	25%	
	6/7/2006	12:11	61.0	7.2	6.67	30	1.8	25%	
	6/14/2006	12:00	60.9	6.9	6.39	30	1.4	25%	
	6/23/2006	11:42	63.1	7.0	6.48	30	1.7	25%	
	6/28/2006	12:39	65.8	7.0	6.48	30	1.0	25%	
	7/3/2006	13:04	65.4	6.9	6.39	30	0.6	25%	
	7/13/2006	14:57	97.5	9.4	8.68	31	0.5	25%	
	7/21/2006	19:50	82.6	9.5	8.78	31	1.1	25%	
	8/16/2006	16:32	79.6	9.6	8.85	32	0.9	25%	
	8/23/2006	13:54	91.3	11.4	10.56	30	2.6	25%	
	8/29/2006	12:54	87.1	14.0	12.97	30	2.4	25%	
	9/9/2006	9:14	85.3	14.6	13.52	30	2.2	25%	
	9/13/2006	17:42	76.5	15.1	14.10	27	2.7	25%	
	9/22/2006	17:24	74.3	15.8	14.48	34	2.6	25%	
	9/28/2006	14:05	76.2	15.6	14.34	33	2.8	25%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-17B	10/2/2006	12:56	78.9	15.9	14.53	35	3.0	25%	
	10/9/2006	15:35	72.8	16.7	15.26	35	2.6	25%	
	10/20/2006	16:35	78.0	16.9	15.45	35	2.9	25%	
	10/27/2006	14:56	78.7	17.6	16.04	36	1.4	25%	
	11/2/2006	16:19	76.4	17.9	16.32	36	1.2	25%	
	11/17/2006	18:30	76.1	12.4	11.15	41	1.2	25%	
	11/20/2006	21:15	70.5	12.0	10.76	42	1.1	25%	
	11/28/2006	18:10	68.1	12.2	10.91	43	0.9	25%	
	12/8/2006	18:15	76.1	14.2	12.60	46	0.9	25%	
	12/15/2006	11:40	67.7	14.4	12.67	49	0.4	25%	
	12/19/2006	19:00	76.7	14.8	12.98	50	0.4	25%	
	12/27/2006	18:40	74.1	15.9	13.95	50	0.5	25%	
	3/2/2006	13:31	71.6	36.7	32.64	45	21.6	100%	
	3/12/2006	11:22	61.2	42.7	39.55	30	16.7	50%	
	3/17/2006	6:17	59.6	43.6	40.39	30	16.8	50%	
	3/24/2006	9:20	60.9	43.6	40.28	31	10.9	50%	
	3/31/2006	11:00	60.1	21.3	19.73	30	15.2	50%	
	4/5/2006	12:25	63.1	136.7	125.29	34	14.9	50%	Moisture
	4/12/2006	11:05	61.2	119.3	110.51	30	12.8	50%	
	4/19/2006	12:20	71.2	43.9	39.48	41	14.1	50%	Moisture
	4/26/2006	14:40	61.4	29.8	26.95	39	1.0	50%	
	5/3/2006	15:38	68.0	69.2	64.10	30	1.1	50%	Moisture
	5/11/2006	13:26	64.2	72.10	66.08	34	0.8	50%	
	5/19/2006	12:44	66.3	70.1	64.59	32	0.9	50%	
	5/24/2006	11:57	67.9	71.2	65.78	31	0.8	50%	
	6/1/2006	12:41	69.3	71.8	66.33	31	0.6	50%	
	6/7/2006	12:18	60.9	71.9	65.90	34	0.4	50%	
	6/14/2006	12:05	60.7	70.3	64.26	35	0.6	50%	
	6/23/2006	11:49	62.9	71.8	65.80	34	0.2	50%	
	6/28/2006	12:46	65.4	71.8	65.98	33	0.4	50%	
	7/3/2006	13:11	65.5	71.7	65.89	33	0.4	50%	
	7/13/2006	15:04	97.6	48.2	44.06	35	0.3	75%	
	7/21/2006	19:55	82.4	48.6	44.42	35	0.6	75%	
	8/16/2006	16:38	79.9	46.9	42.98	34	0.4	75%	
	8/23/2006	14:01	91.7	45.0	41.13	35	0.5	75%	
	8/29/2006	13:01	87.0	43.6	39.85	35	0.4	75%	
	9/9/2006	9:21	85.5	41.6	38.02	35	0.3	75%	
	9/13/2006	17:48	76.3	42.1	38.38	36	0.2	75%	
	9/22/2006	17:31	74.0	44.6	40.66	36	0.3	75%	
	9/28/2006	14:36	76.8	44.0	40.11	36	0.6	75%	
	10/2/2006	13:04	78.8	45.1	40.89	38	0.8	75%	
	10/9/2006	15:42	72.9	46.1	41.80	38	1.1	75%	
	10/20/2006	16:42	78.8	47.1	42.82	37	1.8	75%	
	10/27/2006	15:04	78.3	48.8	44.13	39	0.8	75%	
	11/2/2006	16:27	76.5	49.6	44.85	39	0.9	75%	Closed well after data collection
	11/17/2006	NM	NM	NM	11	NM	0%	CLOSED	
	11/20/2006	NM	NM	NM	11	NM	0%	CLOSED	
	11/28/2006	NM	NM	NM	10	NM	0%	CLOSED	
	12/8/2006	NM	NM	NM	13	NM	0%	CLOSED	
	12/15/2006	NM	NM	NM	14	NM	0%	CLOSED	
	12/19/2006	NM	NM	NM	14	NM	0%	CLOSED	
	12/27/2006	NM	NM	NM	14	NM	0%	CLOSED	
	3/2/2006	13:25	71.6	21.6	19.21	45	10.6	100%	
	3/12/2006	11:30	61.2	20.3	18.95	27	7.6	50%	
	3/17/2006	6:23	59.7	21.6	20.17	27	9.6	50%	
	3/24/2006	9:27	61.3	21.4	19.93	28	9.0	50%	
	3/31/2006	11:10	60.4	16.4	15.15	31	29.7	50%	
	4/5/2006	12:30	56.9	12.9	11.95	30	28.1	50%	
	4/12/2006	11:10	61.4	11.0	10.19	30	26.2	50%	
	4/19/2006	12:25	71.4	36.1	32.82	37	26.3	50%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-17A	4/26/2006	14:45	61.5	39.6	36.29	34	2.1	50%	
	5/3/2006	15:42	68.6	13.0	12.14	27	2.0	50%	
	5/11/2006	13:33	64.3	15.7	14.54	30	1.9	50%	
	5/19/2006	12:51	65.8	14.8	13.75	29	1.6	50%	
	5/24/2006	12:05	67.4	14.5	13.43	30	1.4	50%	
	6/1/2006	12:48	69.5	14.6	13.52	30	1.2	50%	
	6/7/2006	12:24	60.7	14.8	13.75	29	1.4	50%	
	6/14/2006	12:12	60.6	13.9	12.88	30	1.1	50%	
	6/23/2006	11:56	62.8	14.5	13.47	29	1.4	50%	
	6/28/2006	12:53	65.4	14.8	13.82	27	0.8	50%	
	7/3/2006	13:18	65.2	14.3	13.32	28	0.7	50%	
	7/13/2006	15:11	97.5	15.9	14.73	30	0.4	75%	
	7/21/2006	20:00	82.8	15.8	14.60	31	0.2	75%	
	8/16/2006	16:44	79.7	16.8	15.48	32	0.2	75%	
	8/23/2006	14:08	91.0	17.8	16.44	31	0.2	75%	
	8/29/2006	13:08	86.9	18.6	17.18	31	0.2	75%	
	9/9/2006	9:28	85.6	18.1	16.72	31	0.2	75%	
	9/13/2006	17:54	76.8	17.9	16.49	32	0.2	75%	
	9/22/2006	17:38	74.6	18.3	16.86	32	0.1	75%	
	9/25/2006	14:44	76.7	17.9	16.45	33	0.2	75%	
	10/2/2006	13:10	78.6	18.6	17.05	34	1.4	75%	
	10/9/2006	15:49	72.6	18.9	17.32	34	1.6	75%	
	10/20/2006	16:49	78.6	18.4	16.91	33	1.0	75%	
	10/27/2006	15:12	78.4	18.8	17.18	35	0.9	75%	
	11/2/2006	16:35	76.0	18.4	16.82	35	0.9	75%	Closed well after data collection
VEW-18A	11/17/2006	NM	NM	NM	NM	7	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	7	NM	0%	CLOSED
	11/28/2006	NM	NM	NM	NM	7	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	3/2/2006	13:52	73.6	8.3	7.33	46	79.6	100%	
	3/12/2006	11:38	61.3	4.4	4.09	29	16.7	50%	
	3/17/2006	6:29	59.4	4.4	4.11	30	16.8	50%	
VEW-18A	3/24/2006	9:35	61.0	4.4	4.09	30	14.8	50%	
	3/31/2006	11:20	60.6	14.7	13.54	32	24.9	50%	
	4/5/2006	12:35	56.7	11.2	10.27	32	23.6	50%	
	4/12/2006	11:15	61.3	10.3	9.54	30	21.4	50%	
	4/19/2006	12:30	71.6	29.9	27.26	36	21.0	50%	
	4/26/2006	14:50	61.6	29.6	26.98	36	2.4	50%	
	5/3/2006	15:46	68.6	13.3	12.42	27	2.1	50%	
	5/11/2006	13:40	64.2	15.4	14.15	33	2.0	50%	
	5/19/2006	13:00	65.6	10.4	9.63	30	1.9	50%	
	5/24/2006	12:12	67.8	10.7	9.91	30	1.7	50%	
	6/1/2006	12:55	69.3	10.7	9.91	30	1.6	50%	
	6/7/2006	12:30	61.2	10.8	9.98	31	1.7	50%	
	6/14/2006	12:16	60.8	11.1	10.25	31	1.6	50%	
	6/23/2006	12:03	62.9	11.1	10.28	30	1.2	50%	
	6/28/2006	13:00	65.8	11.8	10.93	30	0.7	50%	
	7/3/2006	13:25	65.0	11.6	10.75	30	0.6	50%	
	7/13/2006	15:18	97.6	7.9	7.26	33	0.7	75%	
	7/21/2006	20:05	82.3	7.6	6.98	33	0.5	75%	
	8/16/2006	16:50	80.0	7.3	6.71	33	0.4	75%	
	8/23/2006	14:15	90.6	9.0	8.25	34	0.5	75%	
	8/29/2006	13:15	86.6	9.6	8.82	33	0.5	75%	
	9/9/2006	9:35	85.2	9.6	8.82	33	0.4	75%	
	9/13/2006	18:00	76.6	9.0	8.25	34	0.5	75%	
	9/22/2006	17:45	74.4	9.9	9.07	34	0.9	75%	
	9/28/2006	14:51	76.4	10.2	9.35	34	1.1	75%	
	10/2/2006	13:18	79.2	10.6	9.69	35	1.0	75%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building I/36 Interim Action SVE System

<b>WELL ID</b>	<b>DATE</b>	<b>TIME</b>	<b>INLET TEMP (deg F)</b>	<b>FLOW RATE (acf m)</b>	<b>FLOW RATE (scfm)</b>	<b>VACUUM (inches of H<sub>2</sub>O)</b>	<b>WELLHEAD PID (ppmv)</b>	<b>% Open</b>	<b>COMMENTS</b>
	10/9/2006	15:56	73.1	10.7	9.81	34	1.1	75%	
	10/20/2006	16:56	78.4	11.4	10.42	35	1.0	75%	
	10/27/2006	15:20	78.0	12.1	11.00	37	1.2	75%	
	11/2/2006	16:42	76.4	12.8	11.64	37	1.8	75%	Closed well after data collection
	11/17/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	11/28/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	8	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	8	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	8	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
VEW-18B	3/2/2006	13:45	70.1	4.8	4.21	46	48.6	100%	
	3/12/2006	11:45	61.7	9.5	8.85	28	40.6	50%	
	3/17/2006	6:36	59.0	9.6	8.89	28	41.6	50%	
	3/24/2006	9:43	61.3	9.5	8.85	28	35.7	50%	
	3/31/2006	11:30	60.7	18.7	17.23	32	16.4	50%	
	4/5/2006	12:40	56.9	9.8	9.03	32	15.9	50%	
	4/12/2006	11:20	61.5	8.8	8.15	30	12.8	50%	
	4/19/2006	12:35	71.5	39.4	35.72	38	13.7	50%	
	4/26/2006	14:55	61.7	39.2	35.64	37	13.6	50%	
	5/3/2006	15:50	68.9	9.5	8.85	28	11.3	50%	
	5/11/2006	13:48	64.0	10.9	10.04	32	11.9	50%	
	5/19/2006	13:07	66.3	9.8	9.08	30	11.3	50%	
	5/24/2006	12:18	68.0	9.9	9.17	30	11.0	50%	
	6/1/2006	13:02	69.6	9.8	9.08	30	10.5	50%	
	6/7/2006	12:36	61.0	9.6	8.89	30	9.9	50%	
	6/14/2006	12:23	60.9	10.0	9.26	30	10.2	50%	
	6/23/2006	12:10	62.8	9.4	8.71	30	9.6	50%	
	6/28/2006	13:07	65.4	9.4	8.71	30	7.6	50%	
	7/3/2006	13:32	65.7	9.6	8.87	31	7.0	50%	
	7/13/2006	15:25	97.1	4.5	4.14	33	7.4	75%	
	7/21/2006	20:10	82.9	4.4	4.03	34	0.8	75%	
	8/16/2006	16:56	80.2	4.2	3.86	33	0.6	75%	
	8/23/2006	14:22	90.4	8.5	7.81	33	0.7	75%	
	8/29/2006	13:22	87.3	8.4	7.72	33	0.6	75%	
	9/9/2006	9:42	85.8	8.8	8.11	32	0.7	75%	
	9/13/2006	18:06	76.1	8.1	7.42	34	0.5	75%	
	9/22/2006	17:52	74.1	8.7	7.95	35	0.6	75%	
	9/28/2006	14:58	76.5	8.8	8.04	35	0.8	75%	
	10/2/2006	13:24	79.6	9.1	8.30	36	1.6	75%	
	10/9/2006	16:05	73.3	9.3	8.50	35	1.7	75%	
	10/20/2006	17:03	78.7	9.6	8.80	34	1.7	75%	
	10/27/2006	15:28	78.1	10.6	9.66	36	1.3	75%	
	11/2/2006	16:59	76.1	10.1	9.21	36	1.6	75%	Closed well after data collection
	11/17/2006	NM	NM	NM	NM	6	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	7	NM	0%	CLOSED
	11/28/2006	NM	NM	NM	NM	7	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	3/2/2006	14:00	67.1	7.5	6.71	44	10.6	100%	
	3/12/2006	11:52	61.7	8.4	7.86	26	40.6	50%	
	3/17/2006	6:43	59.6	8.5	7.91	26	41.9	50%	
	3/24/2006	9:50	61.4	8.2	7.68	26	36.9	50%	
	3/31/2006	11:40	60.5	19.3	17.88	30	38.8	50%	
	4/5/2006	12:45	56.8	13.6	12.60	30	33.2	50%	
	4/12/2006	11:25	60.8	11.3	10.47	30	31.6	50%	
	4/19/2006	12:40	71.4	29.6	27.06	35	31.3	50%	
	4/26/2006	15:00	61.4	29.8	26.95	39	5.6	50%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VEW-04	5/3/2006	15:54	68.3	10.9	10.23	25	4.8	50%	
	5/11/2006	13:55	64.5	11.1	10.28	30	4.4	50%	
	5/19/2006	13:14	66.0	11.0	10.24	28	4.1	50%	
	5/24/2006	12:24	68.1	11.3	10.52	28	4.0	50%	
	6/1/2006	13:08	69.9	11.0	10.24	28	3.5	50%	
	6/7/2006	12:42	61.5	11.6	10.77	29	3.3	50%	
	6/14/2006	12:30	61.0	11.1	10.31	29	3.0	50%	
	6/23/2006	12:17	62.9	11.8	10.96	29	3.6	50%	
	6/28/2006	13:14	65.4	11.8	10.99	28	2.7	50%	
	7/3/2006	13:39	65.3	11.7	10.92	27	2.6	50%	
	7/13/2006	15:32	97.6	4.8	4.43	31	2.2	75%	
	7/21/2006	20:15	82.6	4.8	4.43	31	2.1	75%	
	8/16/2006	17:02	80.3	16.0	14.78	31	2.0	75%	
	8/23/2006	14:29	90.7	6.2	5.73	31	1.6	75%	
	8/29/2006	13:29	87.5	6.0	5.53	32	1.3	75%	
	9/9/2006	9:49	85.7	6.7	6.17	32	1.2	75%	
	9/13/2006	18:12	76.7	6.8	6.25	33	1.0	75%	
	9/22/2006	17:59	74.7	6.1	5.62	32	1.3	75%	
	9/28/2006	15:05	76.6	6.1	5.61	33	1.5	75%	
	10/2/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	10/9/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	10/20/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	10/27/2006	NM	NM	NM	NM	11	NM	0%	CLOSED
	11/2/2006	NM	NM	NM	NM	12	NM	0%	CLOSED
	11/17/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/28/2006	NM	NM	NM	NM	11	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	11	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	11	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	12	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	11	NM	0%	CLOSED
VEW-02	3/2/2006	14:08	68.2	30.8	27.47	44	27.6	100%	
	3/12/2006	12:00	62.7	19.2	17.97	26	16.7	50%	
	3/17/2006	6:50	59.7	19.6	18.35	26	17.6	50%	
	3/24/2006	9:58	61.3	19.3	18.02	27	16.9	50%	
	3/31/2006	11:50	60.6	15.4	14.27	30	27.9	50%	
	4/5/2006	12:50	56.5	13.7	12.69	30	26.6	50%	
	4/12/2006	11:30	61.4	12.1	11.21	30	24.6	50%	
	4/19/2006	12:45	71.7	28.7	26.16	36	21.9	50%	
	4/26/2006	15:10	61.9	28.7	26.30	34	1.3	50%	
	5/3/2006	15:58	68.7	11.8	11.08	25	1.3	50%	
	5/11/2006	14:03	63.9	12.9	11.95	30	1.0	50%	
	5/19/2006	13:21	66.2	12.4	11.52	29	0.9	50%	
	5/24/2006	12:30	68.3	12.7	11.76	30	0.8	50%	
	6/1/2006	13:14	69.3	12.8	11.83	31	0.6	50%	
	6/7/2006	12:48	61.0	12.1	11.24	29	0.6	50%	
	6/14/2006	12:37	60.8	13.9	12.91	29	0.6	50%	
	6/23/2006	12:24	63.2	12.6	11.70	29	0.5	50%	
	6/28/2006	13:21	65.7	12.6	11.70	29	0.1	50%	
	7/3/2006	13:46	65.4	12.6	11.70	29	0.4	50%	
	7/13/2006	15:38	97.5	16.6	15.34	31	0.5	75%	
	7/21/2006	20:20	82.5	16.4	15.11	32	0.6	75%	
	8/16/2006	17:08	80.6	12.8	11.79	32	0.5	75%	
	8/23/2006	14:36	91.7	25.0	23.04	32	0.4	75%	
	8/29/2006	13:36	87.2	25.6	23.59	32	0.4	75%	
	9/9/2006	9:56	85.6	26.7	24.54	33	0.3	75%	
	9/13/2006	18:18	76.4	27.1	24.90	33	0.1	75%	
	9/22/2006	18:06	74.5	28.3	26.01	33	0.3	75%	
	9/28/2006	15:11	76.9	28.6	26.28	33	0.5	75%	
	10/2/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	10/9/2006	NM	NM	NM	NM	9	NM	0%	CLOSED

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H2O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
	10/20/2006	NM	NM	NM	NM	8	NM	0%	CLOSED
	10/27/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/2/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/17/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/28/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
VFW-03	3/2/2006	14:15	67.9	17.8	15.79	46	29.9	100%	
	3/12/2006	12:08	62.3	15.3	14.25	28	11.2	50%	
	3/17/2006	6:57	59.8	15.7	14.62	28	12.7	50%	
	3/24/2006	10:06	61.7	15.4	14.30	29	10.9	50%	
	3/31/2006	12:00	60.8	17.0	15.66	32	16.1	50%	
	4/5/2006	12:55	56.2	14.6	13.49	31	15.3	50%	
	4/12/2006	11:35	61.5	13.2	12.23	30	12.8	50%	
	4/19/2006	12:55	71.7	36.4	33.00	38	14.3	50%	Moisture
	4/26/2006	15:15	61.8	36.8	33.55	36	1.0	50%	
	5/3/2006	16:02	68.9	10.3	9.64	26	1.1	50%	
	5/11/2006	14:10	63.8	12.8	11.79	32	0.9	50%	
	5/19/2006	13:30	66.4	12.5	11.58	30	0.9	50%	
	5/24/2006	12:36	68.0	12.0	11.12	30	0.8	50%	
	6/1/2006	13:20	69.9	12.6	11.64	31	0.7	50%	
	6/7/2006	12:54	60.8	12.8	11.86	30	0.7	50%	
	6/14/2006	12:44	60.6	13.0	12.04	30	0.4	50%	
	6/23/2006	12:31	63.0	12.6	11.67	30	0.7	50%	
	6/28/2006	13:28	65.8	13.8	12.78	30	0.3	50%	
	7/3/2006	13:54	65.7	13.7	12.69	30	0.4	50%	
	7/13/2006	15:46	97.4	12.9	11.89	32	0.4	75%	
	7/21/2006	20:25	82.7	12.1	11.15	32	0.5	75%	
	8/16/2006	17:14	80.3	19.1	17.60	32	0.4	75%	
	8/23/2006	14:43	91.8	12.9	11.85	33	0.5	75%	
	8/29/2006	13:44	86.7	12.1	11.12	33	0.4	75%	
	9/9/2006	10:03	85.4	12.1	11.12	33	0.3	75%	
	9/13/2006	18:24	76.9	12.9	11.85	33	0.4	75%	
	9/22/2006	18:13	74.2	13.8	12.65	34	0.7	75%	
	9/28/2006	15:17	76.2	13.7	12.56	34	0.8	75%	
	10/2/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	10/9/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	10/20/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	10/27/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/2/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/17/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	11/20/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	11/28/2006	NM	NM	NM	NM	9	NM	0%	CLOSED
	12/8/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/15/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/19/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	12/27/2006	NM	NM	NM	NM	10	NM	0%	CLOSED
	3/2/2006	14:24	68.1	23.2	20.64	45	11.2	100%	
	3/12/2006	12:15	62.1	12.8	11.95	27	21.6	50%	
	3/17/2006	7:10	59.9	12.8	11.95	27	19.9	50%	
	3/24/2006	10:14	61.8	13.9	12.98	27	18.9	50%	
	3/31/2006	12:10	60.7	14.6	13.52	30	19.7	50%	
	4/5/2006	13:00	56.7	18.4	17.04	30	20.9	50%	
	4/12/2006	11:45	61.3	15.4	14.27	30	18.3	50%	
	4/19/2006	13:00	71.8	39.6	36.00	37	19.2	50%	
	4/26/2006	15:20	61.7	39.5	36.10	35	1.2	50%	
	5/3/2006	16:06	68.7	14.1	13.23	25	0.9	50%	

**TABLE 3 - WELLFIELD FIELD DATA**

**Site Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	INLET TEMP (deg F)	FLOW RATE (acf m)	FLOW RATE (scfm)	VACUUM (inches of H <sub>2</sub> O)	WELLHEAD PID (ppmv)	% Open	COMMENTS
VFW-01	5/11/2006	14:18	64.2	16.0	14.82	30	0.8	50%	
	5/19/2006	13:38	66.1	15.4	14.34	28	0.7	50%	
	5/24/2006	12:42	68.4	15.3	14.21	29	0.6	50%	
	6/1/2006	13:26	69.8	15.5	14.40	29	0.4	50%	
	6/7/2006	13:00	60.7	15.6	14.49	29	0.8	50%	
	6/14/2006	12:53	60.6	14.9	13.84	29	1.0	50%	
	6/23/2006	12:38	62.9	15.1	14.02	29	0.7	50%	
	6/28/2006	13:35	65.4	16.1	14.99	28	0.4	50%	
	7/3/2006	14:00	65.7	16.8	15.56	30	0.3	50%	
	7/13/2006	15:53	97.8	19.2	17.74	31	0.7	75%	
	7/21/2006	20:30	82.1	19.8	18.29	31	0.5	75%	
	8/16/2006	17:20	80.4	6.2	5.74	30	0.4	75%	
	8/23/2006	14:50	91.0	17.7	16.31	32	0.4	75%	
	8/29/2006	13:51	86.9	17.9	16.49	32	0.3	75%	
	9/9/2006	10:10	85.8	18.6	17.14	32	0.1	75%	
	9/13/2006	18:30	76.1	18.7	17.23	32	0.6	75%	
	9/22/2006	18:20	74.8	18.6	17.09	33	0.7	75%	
	9/28/2006	15:25	76.9	18.8	17.32	32	0.6	75%	
	10/2/2006	NM	NM	NM	6	NM	0%	CLOSED	
	10/9/2006	NM	NM	NM	7	NM	0%	CLOSED	
	10/20/2006	NM	NM	NM	6	NM	0%	CLOSED	
	10/27/2006	NM	NM	NM	7	NM	0%	CLOSED	
	11/2/2006	NM	NM	NM	7	NM	0%	CLOSED	
	11/17/2006	NM	NM	NM	5	NM	0%	CLOSED	
	11/20/2006	NM	NM	NM	6	NM	0%	CLOSED	
	11/28/2006	NM	NM	NM	6	NM	0%	CLOSED	
	12/8/2006	NM	NM	NM	6	NM	0%	CLOSED	
	12/15/2006	NM	NM	NM	7	NM	0%	CLOSED	
	12/19/2006	NM	NM	NM	7	NM	0%	CLOSED	
	12/27/2006	NM	NM	NM	7	NM	0%	CLOSED	

**Notes:**

ppmv: parts per million by volume

acf m: actual cubic foot per minute (measured values in the field)

scfm: standard cubic foot per minute (acf m corrected for vacuum and temperature)

NM: not measured

\*: wells with detected MEK concentration



**Name:** BRC Former C-6 Facility  
**Location:** Los Angeles, California  
**System:** Building 1/26 Internment Action SVF System

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